Ltr: EMID-701447
Cr: EMID-701462
TA-54: EMID-701463
MDA C: EMID-701464

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

EMLA-2021-BF111-02-001

May 27, 2021

May 27

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 Reports for the Chromium Investigation, Technical Area 54, Material Disposal Area C Monitoring Groups

Dear Mr. Pierard:

Enclosed please find two hard copies with electronic files of the "2021 Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group, Mortandad Canyon and Sandia Canyon Watersheds," the "2021 Annual Periodic Monitoring Report for the Technical Area 54 Monitoring Group, Pajarito Canyon and Mortandad Canyon Watersheds," and the "2021 Annual Periodic Monitoring Report for the Material Disposal Area C Monitoring Group, Mortandad Canyon Watershed." The reports include results from monitoring years 2020 and 2021.

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 DURAN
Digitally signed by ARTURO DURAN
Date: 2021.05.26 16:03:40 -06'00'

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

Enclosure(s): Two hard copies with electronic files:

1. 2021 Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group, Mortandad Canyon and Sandia Canyon Watersheds (EM2021-0077)
2. 2021 Annual Periodic Monitoring Report for the Technical Area 54 Monitoring Group, Pajarito Canyon and Mortandad Canyon Watersheds (EM2021-0232)
3. 2021 Annual Periodic Monitoring Report for the Material Disposal Area C Monitoring Group, Mortandad Canyon Watershed (EM2021-0237)

cc (letter with CD/DVD enclosure[s]):
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Raymond Martinez, San Ildefonso Pueblo, NM
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May 2021
EM2021-0232

2021 Annual Periodic Monitoring Report for the Technical Area 54 Monitoring Group, Pajarito Canyon and Mortandad Canyon Watersheds

N3B Los Alamos

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

EM2021-0232

2021 Annual Periodic Monitoring Report for the Technical Area 54 Monitoring Group, Pajarito Canyon and Mortandad Canyon Watersheds

May 2021

Responsible program director:

Printed Name	Signature	Title	Organization	Date
Steve Veenis	Steve Veenis	T2S Program Director	Water Program	5/15/21

Responsible N3B representative:

Printed Name	Signature	Title	Organization	Date
Troy Thomson	Troy Thomson	Acting Program Manager	N3B Environmental Remediation Program	5/17/21

Responsible DOE EM-LA representative:

Printed Name	Signature	Title	Organization	Date
Arturo Q. Duran	ARTURO DURAN Digitally signed by ARTURO DURAN Date: 2021.05.27 08:41:59 -06'00'	Compliance and Permitting Manager	Office of Quality and Regulatory Compliance	

EXECUTIVE SUMMARY

This annual periodic monitoring report (PMR) presents results for the Technical Area 54 (TA-54) monitoring group of the Newport News Nuclear BWXT-Los Alamos, LLC, 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) and the “Interim Facility-Wide Groundwater Monitoring Plan for the 2021 Monitoring Year, October 2020–September 2021,” (2021 IFGMP), both prepared in accordance with the Compliance Order on Consent.

All active monitoring locations in the TA-54 monitoring group are located within the Pajarito Canyon and Mortandad Canyon watersheds. The TA-54 monitoring group includes groundwater well and well screen locations.

This PMR presents monitoring results for two periodic monitoring events (PMEs) conducted during the fourth quarter of the 2020 monitoring year (MY) and the first quarter of MY 2021. In addition to results from these PMEs, results are reported for the previous four PMEs, as well as earlier TA-54 monitoring group PMEs that have not yet been reported because the validated laboratory data were not available at the time of the previous TA-54 PMR publications.

The 2020 MY was affected by the COVID-19 pandemic. The U.S. Department of Energy Environmental Management Los Alamos Field Office (EM-LA) transitioned to essential mission critical activities (EMCA) status on March 24, 2020. As described in a March 31, 2020, letter from EM-LA to the NMED Hazardous Waste Bureau, fieldwork was limited to only the activities necessary to ensure the safety of the public, the workers, and the environment. The MY 2020 Quarter 3 TA-54 Monitoring Group PMEs were canceled because of the transition to EMCA status. The samples scheduled to be collected in MY 2020 Quarter 3 were rescheduled in MY 2020 Quarter 4 once phased resumption of operations at Los Alamos National Laboratory began on June 8, 2020.

Groundwater samples collected during the PMEs were analyzed for all or some of the following analytical groups as specified in the 2020 and 2021 IFGMPs: metals; volatile organic compounds; semivolatile organic compounds; low-level 1,4-dioxane; prometon and sulfolane (2020 IFGMP); low-level nitrosamines; per- and polyfluoroalkyl substances; polychlorinated biphenyls; high explosives; dioxins/furans; radionuclides; low-level tritium; general inorganic chemicals (including perchlorate). The same samples were also analyzed for field parameters, including dissolved oxygen, flow rate (in gallons per minute), oxidation-reduction potential, pH, specific conductance, temperature, and turbidity.

Four groundwater analytical results reported in this PMR were detected above the applicable screening values.

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Plate 1	Groundwater elevations

Acronyms and Abbreviations

AOC	area of concern
bgs	below ground surface
CFA	Cape Fear Analytical, LLC, Wilmington, NC, Division of the GEL Group, Inc., Charleston SC.
COC	chain of custody
Consent Order	Compliance Order on Consent
DOE	Department of Energy (U.S.)
DQO	data quality objective
DTW	depth to water
EIM	Environmental Information Management (database)
EMCA	essential mission critical activities
EM-LA	Environmental Management Los Alamos Field Office (DOE)
EPA	Environmental Protection Agency (U.S.)
EQB	equipment rinsate blank
FB	field blank
FD	field duplicate
FTB	field trip blank
GELC	GEL Laboratories, LLC, Division of the GEL Group, Inc., Charleston, SC
gpm	gallons per minute
HE	high explosives
HRGC/HRMS	high-resolution gas chromatography/high-resolution mass spectrometry
ID	identification
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
INIT	initial
LANL	Los Alamos National Laboratory
MCL	maximum contaminant level (EPA)
MDA	material disposal area
MDL	method detection limit
MY	monitoring year
N	no (best value flag code)
N3B	Newport News Nuclear BWXT-Los Alamos, LLC
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
NQ	not qualified
NTU	nephelometric turbidity unit

PEB	performance evaluation blank
PFAS	per- and polyfluoroalkyl substances
PME	periodic monitoring event
PMR	periodic monitoring report
PVC	polyvinyl chloride
QA	quality assurance
QC	quality control
REG	regular
S	screen
SAP	sampling and analysis plan
SIM	selected ion monitoring
SOP	standard operating procedure
SVOC	semivolatile organic compound
SWMU	solid waste management unit
SWRI	Southwest Research Institute, San Antonio, TX
SU	standard unit
TA	technical area
UF	unfiltered
VOC	volatile organic compound
WCSF	waste characterization strategy form
Y	yes (best value flag code)

1.0 INTRODUCTION

This annual periodic monitoring report (PMR) for the Technical Area 54 (TA-54) monitoring group provides documentation of the following groundwater periodic monitoring events (PMEs) conducted by Newport News Nuclear BWXT-Los Alamos, LLC (N3B):

Watershed	PMEs Reported in this PMR		PME Field Sampling	
	Monitoring Year	Quarter	Begin	End
Pajarito/Mortandad Canyons	2020	4*	09/14/2020	09/25/2020
	2021	1	10/13/2020	10/30/2020

*Samples canceled because of the EMCA status during Monitoring Year (MY) 2020 Quarter 3 were rescheduled in MY 2020 Quarter 4.

The annual TA-54 monitoring group PMR is submitted to the New Mexico Environment Department (NMED) every May. This PMR includes results from the TA-54 monitoring group PMEs performed during the fourth quarter of the 2020 monitoring year and the first quarter of the 2021 monitoring year.

The 2020 monitoring year (MY) was affected by the COVID-19 pandemic. The U.S. Department of Energy (DOE) Environmental Management Los Alamos Field Office (EM-LA) transitioned to essential mission critical activities (EMCA) status on March 24, 2020. As described in a March 31, 2020, letter from EM-LA to the NMED Hazardous Waste Bureau (DOE 2020, 700826), N3B fieldwork at Los Alamos National Laboratory (LANL or the Laboratory) was limited to only the activities necessary to ensure the safety of the public, the workers, and the environment. The MY 2020 Quarter 3 TA-54 Monitoring Group PMEs were canceled because of the transition to EMCA status. The samples scheduled to be collected in MY 2020 Quarter 3 were rescheduled in MY 2020 Quarter 4 once phased resumption of operations at LANL began on June 8, 2020.

In addition to results from the two PMEs listed in the table above, results are reported for the previous four PMEs, as well as data from earlier TA-54 monitoring group PMEs that have not yet been reported because the validated laboratory data were not available at the time of the previous TA-54 PMR publications.

The PMEs reported in this PMR included sampling of groundwater wells 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) and the “Interim Facility-Wide Groundwater Monitoring Plan for the 2021 Monitoring Year, October 2020–September 2021” (hereafter referred to as the 2021 IFGMP) (N3B 2020, 700927), both 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 on the TA-54 monitoring group;
- scope of activities for the TA-54 monitoring group;
- regulatory criteria for screening analysis;
- monitoring results (field parameters, groundwater elevations);
- analytical data results; and
- summary of the monitoring data and the results of screening analysis.

All information associated with analyses of radionuclides is voluntarily provided to NMED in accordance with DOE policy.

1.1 Background

At TA-54, groundwater monitoring is conducted to support both (1) the corrective measures process for solid waste management units (SWMUs) and areas of concern (AOCs) (particularly Material Disposal Areas [MDAs] G, H, and L) under the Consent Order and (2) the Resource Conservation and Recovery Act permit. The TA-54 monitoring group was established to address the monitoring requirements for all portions and aspects of TA-54. The TA-54 monitoring group includes both perched-intermediate and regional groundwater monitoring wells in the vicinity of TA-54. Other downgradient wells and upgradient sources have general relevance to TA-54 but are not considered part of the TA-54 monitoring network and are not included in the monitoring group.

TA-54 is situated in the east-central portion of LANL on Mesita del Buey (Figure 1.0-1). Mesita del Buey is a 100- to 140-ft-high finger-shaped mesa that trends southeast. The elevation of Mesita del Buey ranges from 6750 ft to 6670 ft above mean sea level at Area G. The mesa is approximately 500 ft wide and is bounded by Cañada del Buey and Pajarito Canyon.

TA-54 hosts four MDAs designated as G, H, J, and L; a waste characterization, container storage, and transfer facility (TA-54 West); active radioactive waste storage and disposal operations at Area G; hazardous and mixed-waste storage operations at Area L; and administrative and support areas. The transfer facility is located at the western end of TA-54. A total of 47 SWMUs and AOCs are located within TA-54.

The TA-54 monitoring group is located predominantly in the Pajarito Canyon watershed, and the occurrence of surface water, alluvial groundwater, and perched-intermediate and regional groundwater is discussed in the “Pajarito Canyon Investigation Report, Revision 1” (LANL 2009, 106939).

Pore-gas monitoring data show vapor phase volatile organic compounds (VOCs) and tritium are present in the upper portion of the unsaturated zone beneath MDAs G and L. The primary contaminants that have been transported in the vapor phase at TA-54 are 1,1,1-trichloroethane; trichloroethene; Freon-113; and tritium (LANL 2005, 090513; LANL 2006, 091888; LANL 2007, 096409).

Data from the groundwater monitoring network around TA-54 show sporadic detections of a variety of contaminants, including several VOCs. However, the temporal and spatial nature of the occurrences does not clearly indicate the location of the sources being related to TA-54 (LANL 2009, 106939).

2.0 SCOPE OF ACTIVITIES

All active monitoring locations in the TA-54 monitoring group are located within Pajarito Canyon and Mortandad Canyon watersheds (Table 2.0-1, Figure 1.0-1). Monitoring locations consist of 7 groundwater wells completed within the perched-intermediate aquifer and 26 groundwater wells completed within the regional aquifer (Figure 2.0-1).

Groundwater samples collected during the PMEs were analyzed for some or all of the following analytical groups as specified in the 2020 IFGMP (N3B 2019, 700451) and the 2021 IFGMP (N3B 2020, 700927): metals; volatile organic compounds; semivolatile organic compounds; low-level 1,4-dioxane; prometon and sulfolane (2020 IFGMP); low-level nitrosamines; per- and polyfluoroalkyl substances; polychlorinated biphenyls; high explosives; dioxins/furans; radionuclides; low-level tritium; general inorganic chemicals (including perchlorate).. The same samples were also analyzed for field parameters, including dissolved oxygen, flow (in gallons per minute [gpm]), oxidation-reduction potential, pH, specific conductance, temperature, and turbidity.

Purge water is managed and characterized in accordance with the relevant version of the waste characterization strategy form (WCSF) that is part of the “Characterization and Management of Environmental Programs Waste” document (N3B-EP-DIR-SOP-10021). 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) and standing order “Land Application of Groundwater” (N3B-SO-ER-0003), which implement the NMED-approved decision tree for land application of drilling, development, rehabilitation, and purge water. Table 2.0-1 provides the well location name and watershed; the monitoring year and quarter of the sampling event; the sample collection date; the well screened interval; top and bottom screen depths; and casing volume, purge volume, and purge or flow rate for each sampling event. Monitoring locations are shown in Figure 2.0-1.

2.1 PME Observations and Deviations from Planned Scope

Table 2.1-1 summarizes the 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 to which groundwater monitoring results were 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 an 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 2019 EPA regional screening levels for tap water http://www.epa.gov/risk/risk-based-screening-table-generic-tables.
- The NMWQCC groundwater standards apply to specified contaminants in the dissolved (filtered) portion of samples. However, the standards for mercury and organic compounds apply to the concentrations of the contaminants in unfiltered samples. For this report, EPA MCLs are applied to contaminant concentrations in both filtered and unfiltered samples.

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) and 2021 IFGMP (N3B 2020, 700927).

4.2 Comparison of Target Analytes and Method Detection Limits

Several analytes have a range of method detection limits (MDLs). For some of these analytes, the MDL is much lower than for earlier analyses. Table 4.2-1 presents a list of target analytes with MDLs equal to or above screening values. Table 4.2-2 presents a list of analytes where the lower range of MDLs is below the screening value but the upper portion of the range is above the screening value. The tables apply to the results with the lowest MDL, so the analytical method and analytical laboratory are included in the tables for reference.

4.3 Field Parameter Results

Appendix A presents the field parameter measurements associated with the sampling and analytical data reported in this PMR, including dissolved oxygen, flow rate, oxidation-reduction potential, pH, specific conductance, temperature, and turbidity. Table 2.1-1 notes any instances where the parameter stabilization requirement could not be met.

4.4 Groundwater Elevations

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

In addition to collecting groundwater-level data before purging and sampling, N3B collects groundwater-level data “continuously” (e.g., hourly, daily) for most monitoring locations. These data are voluntarily presented in this PMR. Any gaps in the continuous groundwater-level records presented in this PMR are a result of one or more of the following conditions:

- The well is dry.
- The well is not equipped with a pressure (level) transducer.
- The water level is below the transducer.

- The transducer is not functioning properly (including failure).
- The transducer is temporarily removed from the well for maintenance and/or calibration.

Data gaps exist at the following locations:

- R-41 screen 1 is dry and groundwater levels are not reported.

Groundwater-elevation data from the end of the previous PME and through the end of the PME reported in this PMR are presented in Appendix B (on CD included with this document), and include all continuous groundwater-elevation data. Groundwater-level measurements are shown graphically on Plate 1. For wells equipped with transducers, the reported groundwater level was the first groundwater-level measurement taken each day. Figure 4.4-1 shows the elevation of the regional groundwater surface and flow directions. Regional contours were generated in ArcGIS using average groundwater elevations in November 2019.

Localized occurrences of perched-intermediate groundwater are present beneath TA-54. Because of their laterally discontinuous nature, no groundwater-level contours are depicted for perched-intermediate groundwater in the figure; however, all groundwater-level 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) and the 2021 IFGMP (N3B 2020, 700927). Samples and field data collection are conducted using SOPs that are part of a comprehensive quality assurance/quality control (QA/QC) program. These SOPs are listed and described in Appendix B of the IFGMP reports.

Sampling and analysis plans (SAPs) are created using 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; N3B 2020, 700927). SAPs include additional field collection, transportation, and field QA/QC criteria as identified in the N3B Data Quality Objectives (DQOs) and in the Consent Order. A sample collection log is created from the SAP and is used to maintain a chain-of-custody (COC) document and an analytical request form.

Field QA/QC sampling and analysis is employed as an aspect of the QA/QC program to assist in qualifying field sample analytical results. These samples include field blanks (FBs), equipment rinsate blanks (EQBs), performance evaluation blanks (PEBs), field trip blanks (FTBs), and field duplicates (FDs). FBs are samples of analyte-free water poured into a sample container at a field sampling site concurrent with sampling. EQBs are samples of analyte-free water poured over or flowed through non-dedicated, decontaminated field sampling equipment before collection of field samples. PEBs are blanks that also are prepared with analyte-free water but are not taken into the field. FTBs are prepared by the analytical laboratory with water that is laboratory-certified as analyte-free; FTBs remain sealed as they are taken to sampling sites and shipped back to the laboratory with field samples. FDs are split samples taken at the time of field sample collection. These QA/QC samples are transported with their associated regular field samples and are submitted to the analytical laboratory as if they were regular field samples without indication that they are QA/QC samples. Comprehensively, these field QA/QC samples support monitoring the quality of field sample collection, shipping processes, and analytical laboratory processes. Additional description regarding these types of QA/QC samples is provided in the IFGMP reports in Appendix D.

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. Samples are then shipped to analytical laboratories for analysis.

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

The analytical data are submitted by the analytical laboratory and are uploaded to the N3B Environmental Information Management (EIM) database. The received data are then independently validated through the N3B data validation process, as per the DQOs described below, to qualify the data.

Analytical results meet the N3B minimum DQOs as outlined in N3B-PLN-SDM-1000: “Sample and Data Management Plan.” 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 Level 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.

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

5.2 Analytical Data

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

- For all data:
    - FD results, reanalysis results, and results of the same analytes from the same sample analyzed by different analytical methods are reported.
    - Data that are R-qualified (rejected and thus unusable because of analytical problems and/or noncompliance with QA/QC criteria during independent validation) are still reported.

- ❖ Laboratory QA/QC results, FTB data, FB data, EQB data, and PEB data are not included in the data set.
- ❖ Tracers used for conceptual models are not reported.
- ❖ Data for certain target analytes from watch-list wells that are not representative or are of questionable representativeness are not reported.
- ❖ All other results are reported for all locations.

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

Multiple analyses of the same analyte in a sample, including dilutions and reanalyses, create multiple results. 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.

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 unless specifically identified.

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 an 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.

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.

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 historical data set, which includes this PME in addition to data from the previous three years, if available. 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

Table 5.2-1 shows that four groundwater analytical results reported in this PMR were above applicable screening values. The screening value exceedances involve the following three analytes: 1,4-dioxane (unfiltered), nitrosodiethylamine[N-] (unfiltered), and nitrosodimethylamine[N-] (unfiltered). Figure 5.2-1 shows N-nitrosodimethylamine exceedances.

5.2.2.1 Perched-Intermediate Monitoring Wells

R-37 Screen 1

For the October 19, 2020, sampling event at R-37 screen 1, 1,4-dioxane (unfiltered) was detected at 5.41 µg/L using a low-level SVOC selected ion monitoring (SIM) method and had a 1× dilution factor. This concentration was above the NMED tap water screening level (screening value) for 1,4-dioxane of 4.59 µg/L. In addition, 1,4-dioxane was also analyzed and reported using the SVOC analytical method on October 19, 2020; the result was 3.87 µg/L and had a best-value flag of N.

5.2.2.2 Regional Monitoring Wells

R-20 Screen 2

For the October 15, 2020, sampling event at R-20 screen 2, N-nitrosodiethylamine was detected at 0.00761 µg/L and N-nitrosodimethylamine was detected at 0.0153 µg/L using a high-resolution gas chromatography/high-resolution mass spectrometry (HRGC/HRMS) method. These concentrations were above the NMED tap water screening level (screening value) for N-nitrosodiethylamine of 0.00167 µg/L and for N-nitrosodimethylamine of 0.00491 µg/L, respectively.

R-55 Screen 2

For the October 14, 2020, sampling event at R-55 screen 2, N-nitrosodimethylamine was detected at 0.0134 µg/L using an HRGC/HRMS method. This concentration was above the NMED tap water screening level (screening value) for N-nitrosodimethylamine of 0.00491 µg/L.

5.3 Sampling Program Modifications

As part of the 2020 IFGMP (N3B 2019, 700451), 1,4-dioxane was analyzed using both the SVOC analytical method and, at the request of NMED, the low-level SVOC-SIM method was used to achieve greater resolution for the analyte.

Annual PFAS, prometon, and sulfolane sampling were added in the 2020 IFGMP (N3B 2019, 700451) to reflect requirements for toxic pollutants under 20.6.2 New Mexico Administrative Code (NMAC). In addition, nitrosamine samples were analyzed at a lower MDL under both the 2020 and 2021 IFGMP reports at the request of NMED using an HRMS method.

6.0 SUMMARY AND INTERPRETATIONS

6.1 Monitoring Results

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

6.2 Analytical Results

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

6.2.1 Groundwater

Four groundwater analytical results were detected above the applicable screening values (Table 5.2-1).

6.2.2.1 Perched-Intermediate Monitoring Wells

For the October 19, 2020, sampling event, 1,4-dioxane was detected at 5.41 µg/L at R-37 screen 1 using the low-level SVOC SIM method. Dioxane[1,4-] was also analyzed and reported using the low-level SVOC SIM analytical method on October 19, 2020, at R-37 screen 1; the result was 3.87 µg/L and had a best-value flag of N. These results are consistent with historical concentrations of 1,4-dioxane at this location.

6.2.2.2 Regional Monitoring Wells

For the October 15, 2020, sampling event at R-20 screen 2, N-nitrosodiethylamine was detected at 0.00761 µg/L and N-nitrosodimethylamine was detected at 0.0153 µg/L.

For the October 14, 2020, sampling event at R-55 screen 2, N-nitrosodimethylamine was detected at 0.0134 µg/L.

These results represented the first detections at these locations, in both cases being from the second round of annual sampling that employed the lower-level MDL HRGC/HRMS analytical method. The higher MDL method (SW-846:8270D) samples resulted in nondetections (with MDLs at approximately 3 µg/L) and had best-value flags of N.

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-54 monitoring group, as no groundwater remediation systems are required for this monitoring group.

7.0 REFERENCES

The following reference list includes documents cited in this report. Parenthetical information following each reference provides the author(s), publication date, and Environmental Remediation ID (ERID), Environmental Health and Safety ID (ESHID), or Environmental Management ID (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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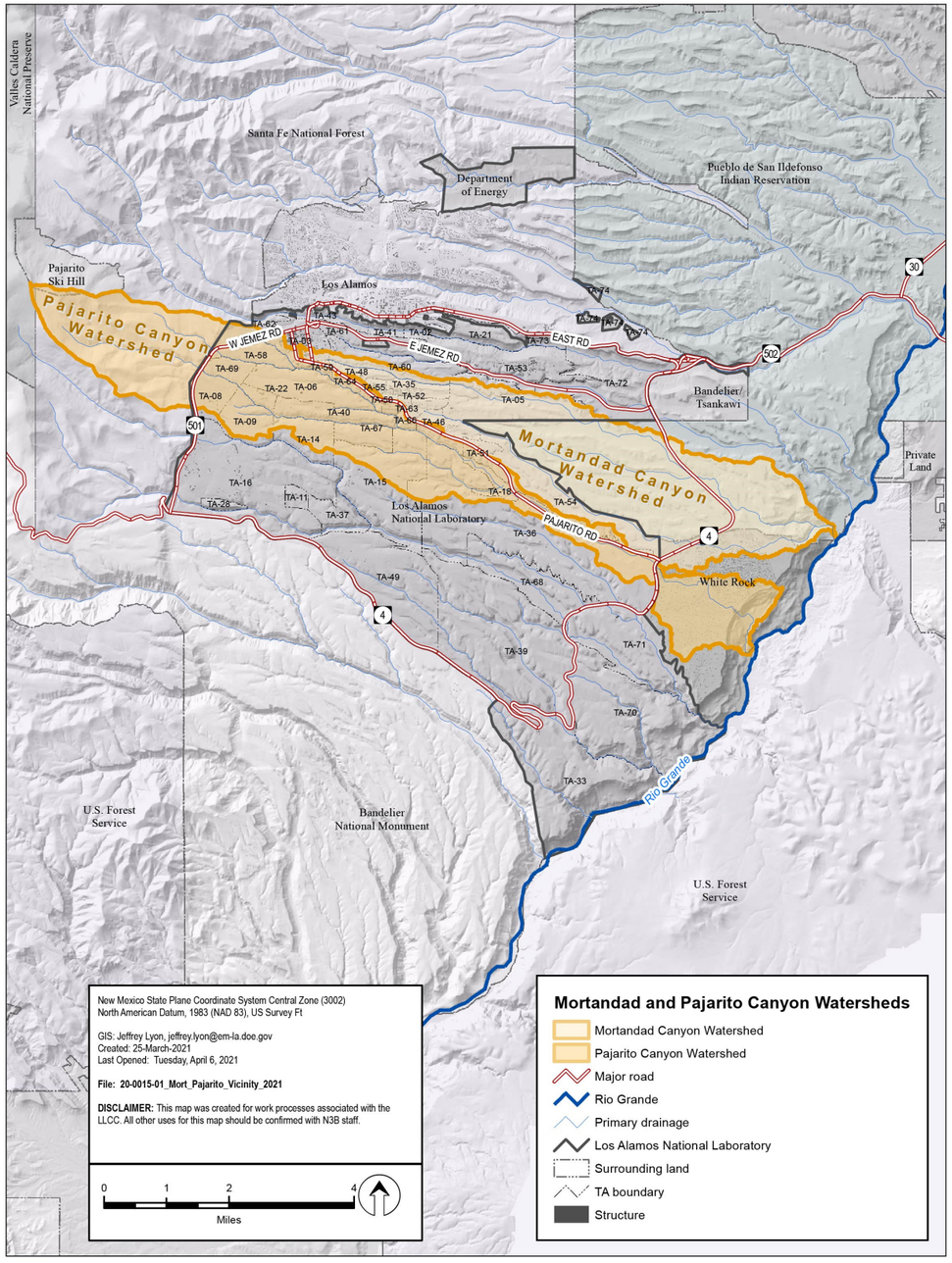
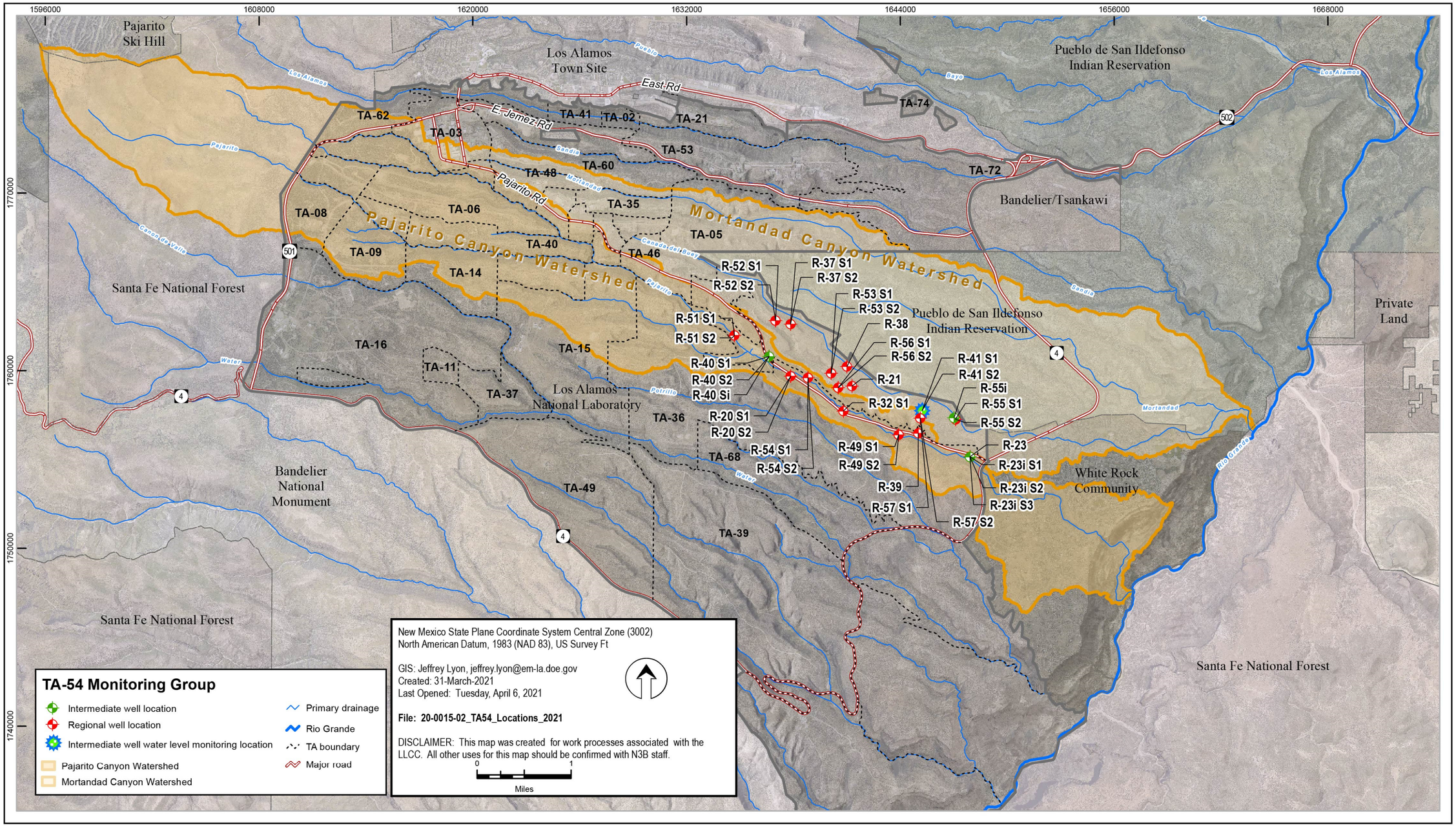


Figure 1.0-1 TA-54 monitoring group vicinity map



Note: See also Table 2.0-1.

Figure 2.0-1 TA-54 monitoring group well locations

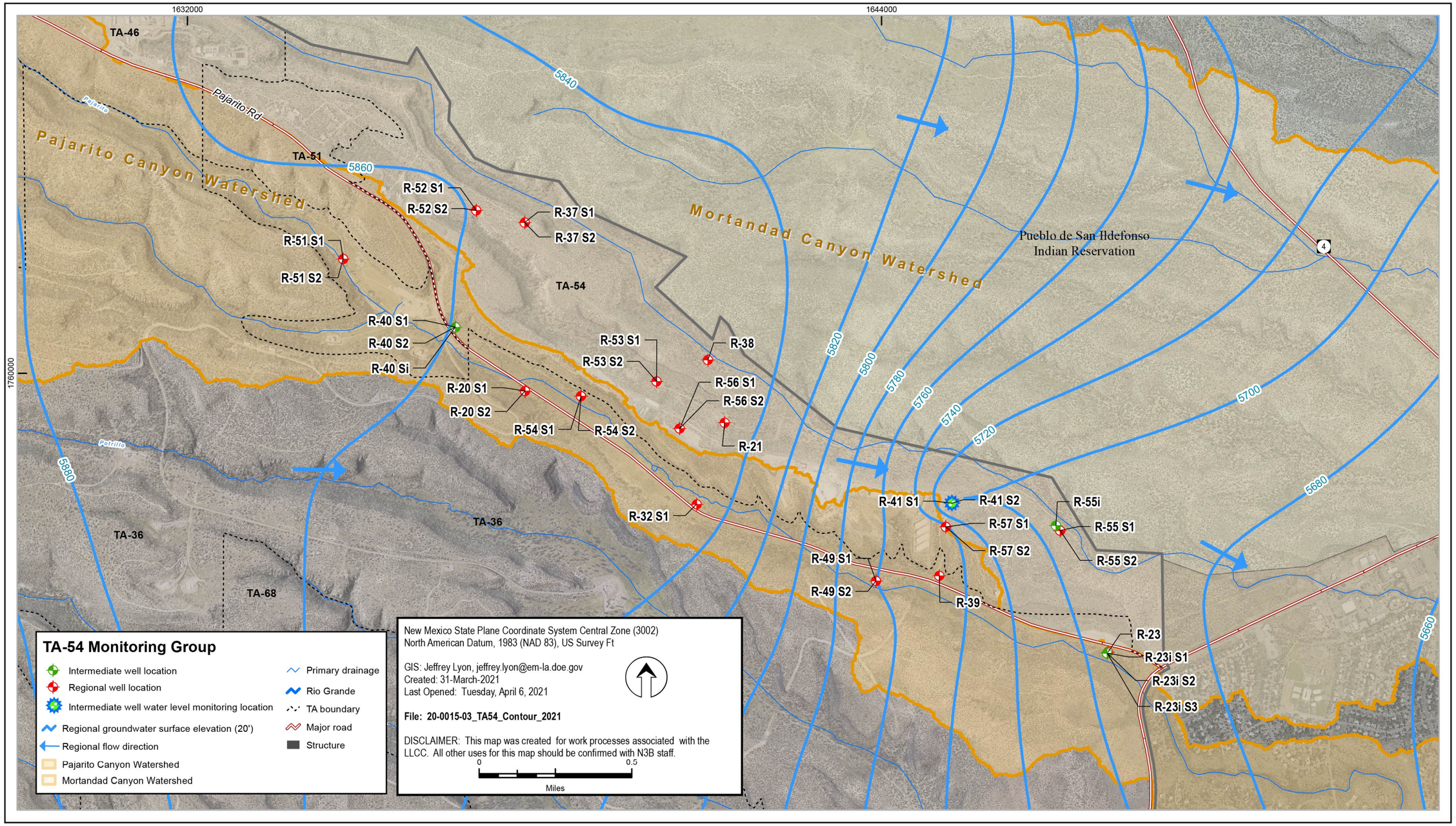
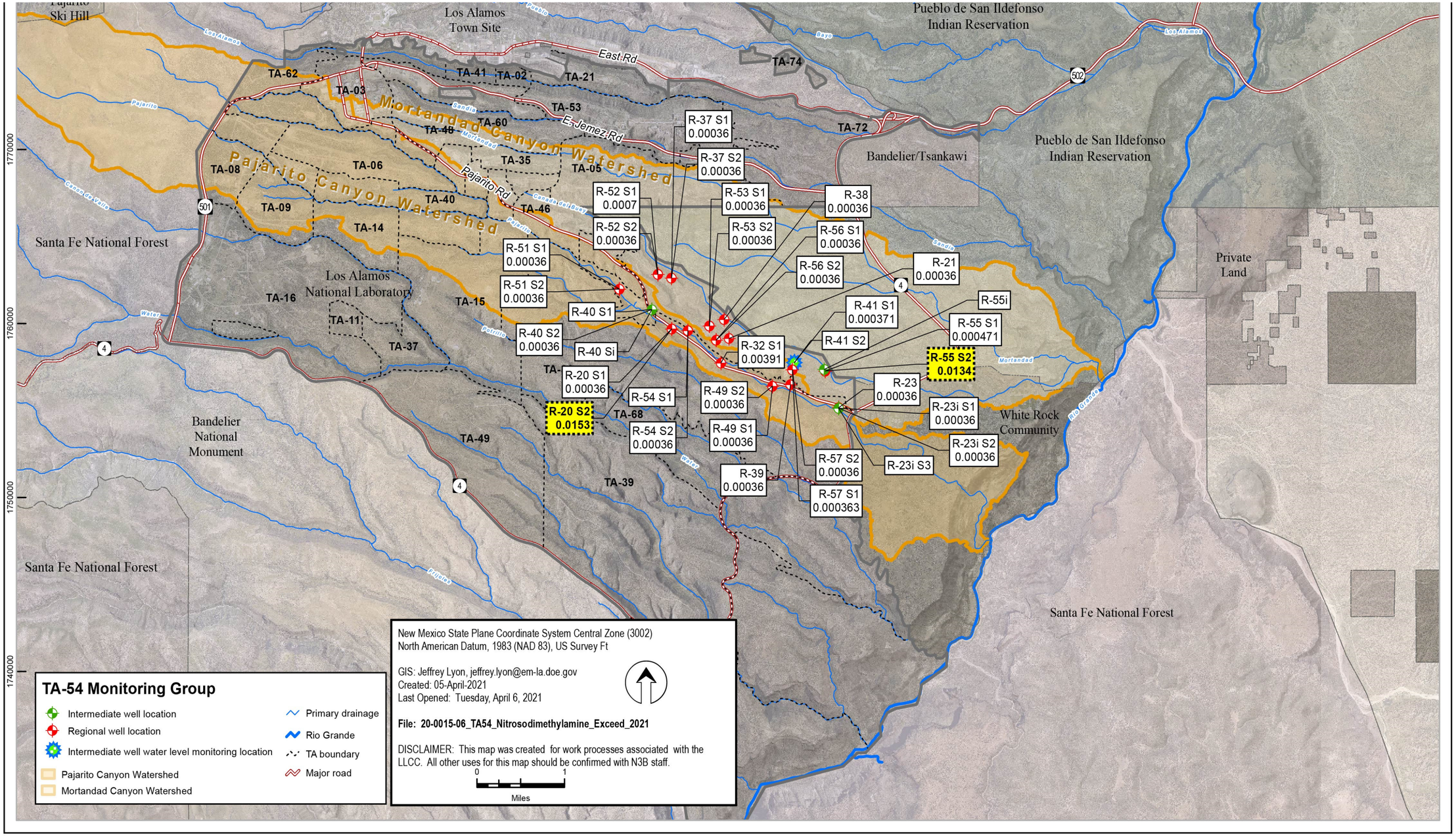


Figure 4.4-1 TA-54 regional aquifer water table map with flow direction



Note: The screening value for groundwater is 0.00491 µg/L.

Figure 5.2-1 TA-54 monitoring group unfiltered maximum N-nitrosodimethylamine concentrations in µg/L

Table 2.0-1
TA-54 Monitoring Group Locations and General Information

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft bgs)	Screen Bottom Depth (ft bgs)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm)
		Monitoring Year	Quarter							
Intermediate										
R-37 S1[a]	Mortandad	2020	4	9/25/2020	20.7	929.3	950	49.28	148.20	0.76
R-23i S1	Pajarito			9/24/2020	19.7	400.3	420	3.44	18.00	1.00
R-23i S2[b]	Pajarito			9/24/2020	9.9	470.2	480.1	35.37	106.25	0.85
R-23i S3[c]	Pajarito			MECH[d]	23	524	547	n/a[e]	n/a	n/a
R-40 S1[f]	Pajarito			9/23/2020	33.5	751.6	785.1	29.99	30.50	0.61
R-37 S1	Mortandad	2021	1	10/19/2020	20.7	929.3	950	49.28	150.75	0.69
R-55i[g]	Mortandad			10/16/2020	21.1	510	531.1	42.75	130.90	2.38
R-23i S1	Pajarito			10/20/2020	19.7	400.3	420	3.45	18.15	1.21
R-23i S2	Pajarito			10/20/2020	9.9	470.2	480.1	35.49	109.20	0.91
R-23i S3	Pajarito			MECH	23	524	547	n/a	n/a	n/a
R-40 S1	Pajarito			10/22/2020	33.5	751.6	785.1	30.11	31.00	0.62
R-40 Si[hi]	Pajarito			10/26/2020	19.3	649.7	669	12.85	41.25	0.55
Regional										
R-37 S2	Mortandad	2020	4	9/14/2020	20.6	1026	1046.6	48.74	155.10	10.34
R-38	Mortandad			9/15/2020	10	821.2	831.2	38.32	118.35	2.63
R-23	Pajarito			9/25/2020	57.2	816	873.2	43.93	166.65	11.11
R-32 S1	Pajarito			9/21/2020	7.7	867.6	875.2	84.88	265.20	2.21
R-39	Pajarito			9/24/2020	10	859.0	869.0	46.43	146.90	2.26
R-40 S2	Pajarito			9/23/2020	20.7	849.3	870	35.83	113.85	2.07
R-41 S2	Pajarito			9/15/2020	9.7	965.3	975	34.03	112.00	2.80
R-21	Mortandad	2021	1	10/30/2020	18	888.8	906.8	195.85	602.55	3.09
R-37 S2	Mortandad			10/15/2020	20.6	1026	1046.6	49.02	240.00	10.00
R-38	Mortandad			10/13/2020	10	821.2	831.2	38.18	117.05	2.67
R-55 S1	Mortandad			10/14/2020	20.6	860	880.6	109.97	330.00	3.00

Table 2.0-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm)
		Monitoring Year	Quarter							
R-55 S2	Mortandad	2021	1	10/14/2020	21	994.4	1015.4	72.42	230.40	2.88
R-20 S1	Pajarito			10/21/2020	7.6	904.6	912.2	68.03	208.00	0.80
R-20 S2	Pajarito			10/15/2020	7.6	1147.1	1154.7	41.01	124.00	1.55
R-23	Pajarito			10/21/2020	57.2	816	873.2	43.95	166.65	11.11
R-32 S1	Pajarito			10/13.2020	7.7	867.6	875.2	85.32	258.75	2.25
R-39	Pajarito			10/21/2020	10	859.0	869.0	46.25	151.45	2.33
R-40 S2	Pajarito			10/22/2020	20.7	849.3	870	35.83	117.70	2.14
R-41 S2	Pajarito			10/15/2020	9.7	965.3	975	34.20	114.00	2.85
R-49 S1	Pajarito			10/28/2020	10	845	855	76.25	232.50	1.50
R-49 S2	Pajarito			10/28/2020	20.8	905.6	926.4	58.14	187.50	2.50
R-51 S1	Pajarito			10/29/2020	10.2	915	925.2	57.05	187.50	3.75
R-51 S2	Pajarito			10/24/2020	10	1031	1041	91.09	281.25	3.75
R-52 S1	Pajarito			10/14/2020	20.5	1035.2	1055.7	59.46	191.10	2.94
R-52 S2	Pajarito			10/14/2020	10	1107	1117	43.04	130.40	3.26
R-53 S1	Pajarito			10/23/2020	10	849.2	859.2	73.51	234.00	3.90
R-53 S2	Pajarito			10/23/2020	20.5	959.7	980.2	94.45	292.50	3.90
R-54 S1[j]	Pajarito			10/19/2020	10	830	840	50.65	153.00	3.06
R-54 S2	Pajarito			10/19/2020	10	915	925	61.20	185.40	3.09
R-56 S1	Pajarito			10/22/2020	20.6	945	965.6	81.38	261.00	4.35
R-56 S2	Pajarito			10/22/2020	20.5	1046.6	1067.1	68.75	217.50	4.35

Table 2.0-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft)	Screen Bottom Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm)
		Monitoring Year	Quarter							
R-57 S1	Pajarito	2021	1	10/16/2020	20.5	910	930.5	68.88	216.60	3.61
R-57 S2	Pajarito			10/16/2020	20.6	971.5	992.1	51.00	158.40	3.52

[a] S1 = Screen 1.

[b] S2 = Screen 2.

[c] S3 = Screen 3.

[d] MECH = Mechanical issues.

[e] n/a =Not applicable.

[f] R-40 S1 is on the watch list for extremely low yield and recovery rate; collected a prioritized sample suite.

[g] R-55i is on the watch list for reducing conditions and sampled for low-level tritium only.

[h] Si = Intermediate screen.

[i] R-40 Si is on the watch list for apparent reducing conditions; coded analytical results for constituents other than low-level tritium as “screening level.”

[j] R-54 S1 is on the watch list for apparent reducing conditions; sampled for low-level tritium only.

Table 2.1-1
TA-54 Monitoring Group PME Observations and Deviations

Monitoring Location	Watershed	Sampling Event		Observation/Deviation	Cause	Comments
		Monitoring Year	Quarter			
All sites where SVOCs are analyzed	Mortandad and Pajarito	All 2020 PMEs in this PMR	All 2020 PMEs in this PMR	The 2020 IFGMP Table B-4.1-1 (N3B 2019, 700451) specifies a requirement to analyze methylphenol[4-], CASd 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 coelute and methylphenol[3-,4-], m,p-cresols CAS 65794-96-9 are analyzed by SW-846:8270D. The result for each analyte is a combined concentration. GELC's catalog of services includes m,p-cresols and does notinclude 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	Mortandad and Pajarito	All 2020 PMEs in this PMR	All 2020 PMEs in this PMR	The 2020 IFGMP Table B-4.1-1 (N3B 2019, 700451) specifies a requirement to analyze azobenzene, CAS 103-33-3 as part of the SVOC analytical suite by the analytical method SW-846:8270D. Instead, diphenylhydrazine[1,2-], CAS 122-66-7 is analyzed as part of the SVOC analytical suite by the analytical method SW846:8270D.	Diphenylhydrazine[1,2-] CAS 122-66-7 decomposes and cannot be separated from azobenzene CAS 103-33-3 using the analytical method SW846:8270D.	None
All sites where SVOCs are analyzed	Mortandad and Pajarito	All 2020 PMEs in this PMR	All 2020 PMEs in this PMR	The 2020 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 combined and reported as diphenylamine CAS 122-39-4.	None

Table 2.1-1 (continued)

Monitoring Location	Watershed	Sampling Event		Observation/Deviation	Cause	Comments
		Monitoring Year	Quarter			
Intermediate						
R-23i S1[a]	Pajarito	2020	4[b]	5.24 CVs[c] purged	Purged an extra 2.24 CVs to obtain minimum required parameters.	None
R-23i S2[d]	Pajarito			3.00 CVs purged	None	None
R-23i S3[e]	Pajarito			Canceled	Mechanical issues	None
R-37 S1	Mortandad			3.01 CVs purged	None	None
R-40 S1	Pajarito			1.02 CVs purged	Purged per IFGMP 2020 Table E-1.0-1 at 1 CV + DP[f] regardless of parameter stability.	None
R-23i S1	Pajarito	2021	1	5.27 CVs purged	Purged an extra 2.27 CVs to obtain minimum required parameters.	None
R-23i S2	Pajarito			3.08 CVs purged	None	None
R-23i S3	Pajarito			Canceled	Mechanical issues	None
R-37 S1	Mortandad			3.06 CVs purged	None	None
R-40 Si[g]	Pajarito			3.21 CVs purged	None	None
R-40 S1	Pajarito			1.03 CVs purged	Purged per IFGMP 2020 Table E-1.0-1 at 1 CV + DP regardless of parameter stability.	None
R-55i	Mortandad			3.06 CVs purged	None	None
Regional						
R-23	Pajarito	2020	4[g]	3.79 CVs purged	None	None
R-32 S1	Pajarito			3.12 CVs purged	None	None
R-37 S2	Mortandad			3.18 CVs purged	None	None
R-38	Mortandad			3.09 CVs purged	None	None
R-39	Pajarito			3.16 CVs purged	None	None
R-40 S2	Pajarito			3.18 CVs purged	None	None
R-41 S2	Pajarito			3.29 CVs purged	None	None

Table 2.1-1 (continued)

Monitoring Location	Watershed	Sampling Event		Observation/Deviation	Cause	Comments
		Monitoring Year	Quarter			
Regional						
R-20 S1	Pajarito	2021	1	3.06 CVs purged	None	None
R-20 S2	Pajarito			3.02 CVs purged	None	None
R-21	Mortandad			3.08 CVs purged	None	None
R-23	Pajarito			3.79 CVs purged	Purged an extra 0.79 CVs to obtain minimum required parameters.	None
R-32 S1	Pajarito			3.03 CVs purged	None	None
R-37 S2	Mortandad			4.90 CVs purged	Purged additional CVs for stability (dissolved oxygen).	None
R-38	Mortandad			3.07 CVs purged	None	None
R-39	Pajarito			3.27 CVs purged	None	None
R-40 S2	Pajarito			3.28 CVs purged	None	None
R-41 S2	Pajarito			3.33 CVs purged	None	None
R-49 S1	Pajarito			3.05 CVs purged	None	None
R-49 S2	Pajarito			3.22 CVs purged	None	None
R-51 S1	Pajarito			3.29 CVs purged	None	None
R-51 S2	Pajarito			3.09 CVs purged	None	None
R-52 S1	Pajarito			3.21 CVs purged	None	None
R-52 S2	Pajarito			3.03 CVs purged	None	None
R-53 S1	Pajarito			3.18 CVs purged	None	None
R-53 S2	Pajarito			3.10 CVs purged.	None	None
R-54 S1	Pajarito			3.02 CVs purged	None	None
R-54 S2	Pajarito			3.03 CVs purged	None	None
R-55 S1	Mortandad			3.00 CVs purged	None	None
R-55 S2	Mortandad			3.18 CVs purged	None	None
R-56 S1	Pajarito			3.21 CVs purged	None	None

Table 2.1-1 (continued)

Monitoring Location	Watershed	Sampling Event		Observation/Deviation	Cause	Comments
		Monitoring Year	Quarter			
R-56 S2	Pajarito			3.16 CVs purged	None	None
R-57 S1	Pajarito			3.14 CVs purged	None	None
R-57 S2	Pajarito			3.11 CVs purged	None	None

[a] S1 = Screen 1.

[b] Samples canceled because of the EMCA status during MY 2020 Quarter 3 were rescheduled and collected in MY 2020 Quarter 4.

[c] CVs = Casing volumes.

[d] S2 = Screen 2.

[e] S3 = Screen 3.

[f] DP = Drop pipe.

[g] Si = Intermediate screen.

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

Standard Type	Standard Source	Description	Groundwater
New Mexico			
Standard	20 6.2.3103 NMAC (NMWQCC groundwater standard)	Groundwater human health standards, other standards for domestic water supply and standards for irrigation use	X[a]
Screening Level	NMED	Tap water screening levels[b]	X
EPA			
Standard	40 Code of Federal Regulations 141	EPA MCLs[c]	X
Risk-Human	EPA generic screening levels	EPA generic screening levels for tap water[d]	X
DOE			
Standard	DOE Order 458.1	DOE 100-mrem public dose derived concentration technical standards	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 2017, 602274; NMED 2019, 700550).

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

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

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
Dioxins/Furans						
Tetrachlorodibenzofuran[2,3,7,8-]	0.00000372–0.00000376	SW-846:8290A	0.00000184	µg/L	NMED A1 TAP SCRN LVL[a]	CFA[b]
Semivolatile Organic Compounds						
Benzidine	3.75–3.99	SW-846:8270D	0.00109	µg/L	NMED A1 TAP SCRN LVL	GELC[c]
Benzo(a)anthracene	0.288–0.307	SW-846:8270D	0.12	µg/L	NMED A1 TAP SCRN LVL	GELC
Benzo(a)pyrene	0.288–0.307	SW-846:8270D	0.2	µg/L	NM GW STD[d]	GELC
Bis(2-chloroethyl)ether	2.88–3.07	SW-846:8270D	0.137	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibenz(a,h)anthracene	0.288–0.307	SW-846:8270D	0.0343	µg/L	NMED A1 TAP SCRN LVL	GELC
Dichlorobenzidine[3,3'-]	2.88–3.07	SW-846:8270D	1.25	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitro-2-methylphenol[4,6-]	2.88–3.07	SW-846:8270D	1.52	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,4-]	2.88–3.07	SW-846:8270D	2.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,6-]	2.88–3.07	SW-846:8270D	0.485	µg/L	NMED A1 TAP SCRN LVL	GELC
Diphenylhydrazine[1,2-]	2.88–3.07	SW-846:8270D	0.78	µg/L	NMED A1 TAP SCRN LVL	GELC
Hexachlorobenzene	2.88–3.07	SW-846:8270D	1	µg/L	EPA MCL[e]	GELC
Hexachlorobutadiene	2.88–3.07	SW-846:8270D	1.39	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrobenzene	2.88–3.07	SW-846:8270D	1.4	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	2.88–3.33	SW-846:8270D	0.0273	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-propylamine[N-]	2.88–3.07	SW-846:8270D	0.11	µg/L	EPA TAP SCRN LVL[f]	GELC
Nitrosodiethylamine[N-]	2.88–3.49	SW-846:8270D	0.00167	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	2.88–3.49	SW-846:8270D	0.00491	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosopyrrolidine[N-]	2.88–3.07	SW-846:8270D	0.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Pentachlorophenol	2.88–3.07	SW-846:8270D	1	µg/L	NM GW STD	GELC
Tetrachlorobenzene[1,2,4,5]	2.88–3.07	SW-846:8270D	1.66	µg/L	NMED A1 TAP SCRN LVL	GELC

Table 4.2-1 (continued)

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

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

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

[b] CFA = Cape Fear Analytical, LLC.

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

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

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

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

Table 4.2-2
Target Analytes with MDLs Below Screening Values

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening-Value Type	Lab ID
Semivolatile Organic Compounds						
Atrazine	2.88–3.07	SW-846:8270D	3	µg/L	NM GW STD[a]	GELC[b]

Notes: This table is applicable to samples reported in this PMR and includes historical data statistics from 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 Water Quality Control Commission groundwater standard.

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

Table 5.2-1
TA-54 Monitoring Group Results Above Screening Values

Location	Watershed	Sampling Event		Sample Collection Date	Analyte	Field Prep Code	Result	Unit	Screening Value	Screening-Value Type
		MY	Quarter							
Intermediate										
R-37 S1[a]	Mortandad	2020	1	10/19/2020	Dioxane[1,4-][b]	UF[c]	5.41	µg/L	4.59	NMED A TAP SCRN LVL[d]
Regional										
R-20 S2[e]	Pajarito	2020	1	10/15/2020	Nitrosodiethylamine[N-][f]	UF	0.00761	µg/L	0.00167	NMED A1 TAP SCRN LVL
R-20 S2	Pajarito	2020	1	10/15/2020	Nitrosodimethylamine[N-][f]	UF	0.0153	µg/L	0.00491	NMED A1 TAP SCRN LVL
R-55 S2	Mortandad	2020	1	10/14/2020	Nitrosodimethylamine[N-][f]	UF	0.0134	µg/L	0.00491	NMED A1 TAP SCRN LVL

[a] S1 = Screen 1.

[b] Analyte was measured using the low-level SVOC SIM method, and focused validation is ongoing.

[c] UF = unfiltered.

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

[e] S2 = Screen 2.

[f] Analyte was measured using the low-level HRGC/HRMS method.

Appendix A

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

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-20 S1	904.6	10/27/2016	WG[a]	Dissolved Oxygen	2.13	mg/L	CAPA-16-126629
R-20 S1	904.6	10/23/2017	WG	Dissolved Oxygen	2.23	mg/L	CAPA-18-147574
R-20 S1	904.6	10/24/2018	WG	Dissolved Oxygen	2.14	mg/L	CAPA-19-163575
R-20 S1	904.6	10/23/2019	WG	Dissolved Oxygen	2.18	mg/L	CAPA-20-188503
R-20 S1	904.6	10/21/2020	WG	Dissolved Oxygen	2.41	mg/L	CAPA-21-208956
R-20 S1	904.6	10/27/2016	WG	Flow (in gpm[b])	0.78	gpm	CAPA-16-126629
R-20 S1	904.6	10/23/2017	WG	Flow (in gpm)	0.78	gpm	CAPA-18-147574
R-20 S1	904.6	10/24/2018	WG	Flow (in gpm)	0.87	gpm	CAPA-19-163575
R-20 S1	904.6	10/23/2019	WG	Flow (in gpm)	0.72	gpm	CAPA-20-188503
R-20 S1	904.6	10/21/2020	WG	Flow (in gpm)	0.8	gpm	CAPA-21-208956
R-20 S1	904.6	10/27/2016	WG	Oxidation-Reduction Potential	9.9	mV	CAPA-16-126629
R-20 S1	904.6	10/23/2017	WG	Oxidation-Reduction Potential	132.9	mV	CAPA-18-147574
R-20 S1	904.6	10/24/2018	WG	Oxidation-Reduction Potential	189	mV	CAPA-19-163575
R-20 S1	904.6	10/23/2019	WG	Oxidation-Reduction Potential	160.1	mV	CAPA-20-188503
R-20 S1	904.6	10/21/2020	WG	Oxidation-Reduction Potential	-20.8	mV	CAPA-21-208956
R-20 S1	904.6	10/27/2016	WG	pH	8.47	SU[c]	CAPA-16-126629
R-20 S1	904.6	10/23/2017	WG	pH	8.39	SU	CAPA-18-147574
R-20 S1	904.6	10/24/2018	WG	pH	8.34	SU	CAPA-19-163575
R-20 S1	904.6	10/23/2019	WG	pH	8.45	SU	CAPA-20-188503
R-20 S1	904.6	10/21/2020	WG	pH	8.35	SU	CAPA-21-208956
R-20 S1	904.6	10/27/2016	WG	Specific Conductance	140.3	µS/cm	CAPA-16-126629
R-20 S1	904.6	10/23/2017	WG	Specific Conductance	139	µS/cm	CAPA-18-147574
R-20 S1	904.6	10/24/2018	WG	Specific Conductance	141.5	µS/cm	CAPA-19-163575
R-20 S1	904.6	10/23/2019	WG	Specific Conductance	142.1	µS/cm	CAPA-20-188503
R-20 S1	904.6	10/21/2020	WG	Specific Conductance	135.6	µS/cm	CAPA-21-208956
R-20 S1	904.6	10/27/2016	WG	Temperature	18.7	deg C	CAPA-16-126629
R-20 S1	904.6	10/23/2017	WG	Temperature	18.5	deg C	CAPA-18-147574
R-20 S1	904.6	10/24/2018	WG	Temperature	18.1	deg C	CAPA-19-163575
R-20 S1	904.6	10/23/2019	WG	Temperature	18.1	deg C	CAPA-20-188503

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-20 S1	904.6	10/21/2020	WG	Temperature	18.5	deg C	CAPA-21-208956
R-20 S1	904.6	10/27/2016	WG	Turbidity	2.08	NTU[d]	CAPA-16-126629
R-20 S1	904.6	10/23/2017	WG	Turbidity	0.92	NTU	CAPA-18-147574
R-20 S1	904.6	10/24/2018	WG	Turbidity	1.06	NTU	CAPA-19-163575
R-20 S1	904.6	10/23/2019	WG	Turbidity	0.99	NTU	CAPA-20-188503
R-20 S1	904.6	10/21/2020	WG	Turbidity	1.16	NTU	CAPA-21-208956
R-20 S2	1147.1	04/09/2018	WG	Dissolved Oxygen	2.76	mg/L	CAPA-18-151766
R-20 S2	1147.1	10/18/2018	WG	Dissolved Oxygen	2.78	mg/L	CAPA-19-163578
R-20 S2	1147.1	04/10/2019	WG	Dissolved Oxygen	2.91	mg/L	CAPA-19-171626
R-20 S2	1147.1	10/17/2019	WG	Dissolved Oxygen	3.12	mg/L	CAPA-20-188506
R-20 S2	1147.1	10/15/2020	WG	Dissolved Oxygen	2.79	mg/L	CAPA-21-208959
R-20 S2	1147.1	04/09/2018	WG	Flow (in gpm)	1.61	gpm	CAPA-18-151766
R-20 S2	1147.1	10/18/2018	WG	Flow (in gpm)	1.64	gpm	CAPA-19-163578
R-20 S2	1147.1	04/10/2019	WG	Flow (in gpm)	1.55	gpm	CAPA-19-171626
R-20 S2	1147.1	10/17/2019	WG	Flow (in gpm)	1.38	gpm	CAPA-20-188506
R-20 S2	1147.1	10/15/2020	WG	Flow (in gpm)	1.55	gpm	CAPA-21-208959
R-20 S2	1147.1	04/09/2018	WG	Oxidation-Reduction Potential	-32.3	mV	CAPA-18-151766
R-20 S2	1147.1	10/18/2018	WG	Oxidation-Reduction Potential	180.9	mV	CAPA-19-163578
R-20 S2	1147.1	04/10/2019	WG	Oxidation-Reduction Potential	0.65	mV	CAPA-19-171626
R-20 S2	1147.1	10/17/2019	WG	Oxidation-Reduction Potential	21.5	mV	CAPA-20-188506
R-20 S2	1147.1	10/15/2020	WG	Oxidation-Reduction Potential	-20.7	mV	CAPA-21-208959
R-20 S2	1147.1	04/09/2018	WG	pH	7.82	SU	CAPA-18-151766
R-20 S2	1147.1	10/18/2018	WG	pH	7.9	SU	CAPA-19-163578
R-20 S2	1147.1	04/10/2019	WG	pH	7.91	SU	CAPA-19-171626
R-20 S2	1147.1	10/17/2019	WG	pH	7.86	SU	CAPA-20-188506
R-20 S2	1147.1	10/15/2020	WG	pH	7.81	SU	CAPA-21-208959
R-20 S2	1147.1	04/09/2018	WG	Specific Conductance	141	µS/cm	CAPA-18-151766
R-20 S2	1147.1	10/18/2018	WG	Specific Conductance	141.3	µS/cm	CAPA-19-163578
R-20 S2	1147.1	04/10/2019	WG	Specific Conductance	139.2	µS/cm	CAPA-19-171626

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-20 S2	1147.1	10/17/2019	WG	Specific Conductance	137.8	µS/cm	CAPA-20-188506
R-20 S2	1147.1	10/15/2020	WG	Specific Conductance	140	µS/cm	CAPA-21-208959
R-20 S2	1147.1	04/09/2018	WG	Temperature	19	deg C	CAPA-18-151766
R-20 S2	1147.1	10/18/2018	WG	Temperature	18.4	deg C	CAPA-19-163578
R-20 S2	1147.1	04/10/2019	WG	Temperature	18.4	deg C	CAPA-19-171626
R-20 S2	1147.1	10/17/2019	WG	Temperature	18.6	deg C	CAPA-20-188506
R-20 S2	1147.1	10/15/2020	WG	Temperature	19.8	deg C	CAPA-21-208959
R-20 S2	1147.1	04/09/2018	WG	Turbidity	0.48	NTU	CAPA-18-151766
R-20 S2	1147.1	10/18/2018	WG	Turbidity	0.67	NTU	CAPA-19-163578
R-20 S2	1147.1	04/10/2019	WG	Turbidity	0.41	NTU	CAPA-19-171626
R-20 S2	1147.1	10/17/2019	WG	Turbidity	0.4	NTU	CAPA-20-188506
R-20 S2	1147.1	10/15/2020	WG	Turbidity	0.52	NTU	CAPA-21-208959
R-21	888.8	10/16/2017	WG	Dissolved Oxygen	6.29	mg/L	CAMO-18-147649
R-21	888.8	12/14/2018	WG	Dissolved Oxygen	6.41	mg/L	CAMO-19-163672
R-21	888.8	04/10/2019	WG	Dissolved Oxygen	6.31	mg/L	CAMO-19-171737
R-21	888.8	10/24/2019	WG	Dissolved Oxygen	6.34	mg/L	CAMO-20-188382
R-21	888.8	10/30/2020	WG	Dissolved Oxygen	6.43	mg/L	CAMO-21-208962
R-21	888.8	10/16/2017	WG	Flow (in gpm)	3.19	gpm	CAMO-18-147650
R-21	888.8	12/14/2018	WG	Flow (in gpm)	3.19	gpm	CAMO-19-163672
R-21	888.8	04/10/2019	WG	Flow (in gpm)	3.1	gpm	CAMO-19-171737
R-21	888.8	10/24/2019	WG	Flow (in gpm)	3.13	gpm	CAMO-20-188382
R-21	888.8	10/30/2020	WG	Flow (in gpm)	3.09	gpm	CAMO-21-208962
R-21	888.8	10/16/2017	WG	Oxidation-Reduction Potential	260.4	mV	CAMO-18-147649
R-21	888.8	12/14/2018	WG	Oxidation-Reduction Potential	335.5	mV	CAMO-19-163672
R-21	888.8	04/10/2019	WG	Oxidation-Reduction Potential	244.5	mV	CAMO-19-171737
R-21	888.8	10/24/2019	WG	Oxidation-Reduction Potential	240.2	mV	CAMO-20-188382
R-21	888.8	10/30/2020	WG	Oxidation-Reduction Potential	134.7	mV	CAMO-21-208962
R-21	888.8	10/16/2017	WG	pH	8.01	SU	CAMO-18-147649
R-21	888.8	12/14/2018	WG	pH	8.01	SU	CAMO-19-163672

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-21	888.8	04/10/2019	WG	pH	8.07	SU	CAMO-19-171737
R-21	888.8	10/24/2019	WG	pH	8.02	SU	CAMO-20-188382
R-21	888.8	10/30/2020	WG	pH	7.88	SU	CAMO-21-208962
R-21	888.8	10/16/2017	WG	Specific Conductance	124.7	µS/cm	CAMO-18-147649
R-21	888.8	12/14/2018	WG	Specific Conductance	124.6	µS/cm	CAMO-19-163672
R-21	888.8	04/10/2019	WG	Specific Conductance	124.1	µS/cm	CAMO-19-171737
R-21	888.8	10/24/2019	WG	Specific Conductance	122.6	µS/cm	CAMO-20-188382
R-21	888.8	10/30/2020	WG	Specific Conductance	124.9	µS/cm	CAMO-21-208962
R-21	888.8	10/16/2017	WG	Temperature	20.8	deg C	CAMO-18-147649
R-21	888.8	12/14/2018	WG	Temperature	21	deg C	CAMO-19-163672
R-21	888.8	04/10/2019	WG	Temperature	21	deg C	CAMO-19-171737
R-21	888.8	10/24/2019	WG	Temperature	20.5	deg C	CAMO-20-188382
R-21	888.8	10/30/2020	WG	Temperature	20.9	deg C	CAMO-21-208962
R-21	888.8	10/16/2017	WG	Turbidity	0.28	NTU	CAMO-18-147649
R-21	888.8	12/14/2018	WG	Turbidity	0.9	NTU	CAMO-19-163672
R-21	888.8	04/10/2019	WG	Turbidity	0.27	NTU	CAMO-19-171737
R-21	888.8	10/24/2019	WG	Turbidity	0.6	NTU	CAMO-20-188382
R-21	888.8	10/30/2020	WG	Turbidity	0.82	NTU	CAMO-21-208962
R-23	816.0	04/03/2018	WG	Dissolved Oxygen	6.74	mg/L	CAPA-18-151768
R-23	816.0	10/24/2018	WG	Dissolved Oxygen	6.84	mg/L	CAPA-19-163582
R-23	816.0	04/17/2019	WG	Dissolved Oxygen	6.83	mg/L	CAPA-19-171628
R-23	816.0	10/23/2019	WG	Dissolved Oxygen	6.81	mg/L	CAPA-20-188510
R-23	816.0	09/25/2020	WG	Dissolved Oxygen	6.75	mg/L	CAPA-20-206485
R-23	816.0	10/21/2020	WG	Dissolved Oxygen	6.79	mg/L	CAPA-21-208967
R-23	816.0	04/03/2018	WG	Flow (in gpm)	11.11	gpm	CAPA-18-151768
R-23	816.0	10/24/2018	WG	Flow (in gpm)	11.11	gpm	CAPA-19-163582
R-23	816.0	04/17/2019	WG	Flow (in gpm)	11.54	gpm	CAPA-19-171628
R-23	816.0	10/23/2019	WG	Flow (in gpm)	10.71	gpm	CAPA-20-188510
R-23	816.0	09/25/2020	WG	Flow (in gpm)	11.11	gpm	CAPA-20-206485

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-23	816.0	10/21/2020	WG	Flow (in gpm)	11.11	gpm	CAPA-21-208967
R-23	816.0	04/03/2018	WG	Oxidation-Reduction Potential	111	mV	CAPA-18-151768
R-23	816.0	10/24/2018	WG	Oxidation-Reduction Potential	104.5	mV	CAPA-19-163582
R-23	816.0	04/17/2019	WG	Oxidation-Reduction Potential	110.2	mV	CAPA-19-171628
R-23	816.0	10/23/2019	WG	Oxidation-Reduction Potential	102.4	mV	CAPA-20-188510
R-23	816.0	09/25/2020	WG	Oxidation-Reduction Potential	152.5	mV	CAPA-20-206485
R-23	816.0	10/21/2020	WG	Oxidation-Reduction Potential	162.7	mV	CAPA-21-208967
R-23	816.0	04/03/2018	WG	pH	8.11	SU	CAPA-18-151768
R-23	816.0	10/24/2018	WG	pH	8.07	SU	CAPA-19-163582
R-23	816.0	04/17/2019	WG	pH	8.21	SU	CAPA-19-171628
R-23	816.0	10/23/2019	WG	pH	8.1	SU	CAPA-20-188510
R-23	816.0	09/25/2020	WG	pH	8.1	SU	CAPA-20-206485
R-23	816.0	10/21/2020	WG	pH	8.27	SU	CAPA-21-208967
R-23	816.0	04/03/2018	WG	Specific Conductance	168.7	µS/cm	CAPA-18-151768
R-23	816.0	10/24/2018	WG	Specific Conductance	170.5	µS/cm	CAPA-19-163582
R-23	816.0	04/17/2019	WG	Specific Conductance	170.6	µS/cm	CAPA-19-171628
R-23	816.0	10/23/2019	WG	Specific Conductance	170.8	µS/cm	CAPA-20-188510
R-23	816.0	09/25/2020	WG	Specific Conductance	172.1	µS/cm	CAPA-20-206485
R-23	816.0	10/21/2020	WG	Specific Conductance	173.1	µS/cm	CAPA-21-208967
R-23	816.0	04/03/2018	WG	Temperature	21.4	deg C	CAPA-18-151768
R-23	816.0	10/24/2018	WG	Temperature	20.7	deg C	CAPA-19-163582
R-23	816.0	04/17/2019	WG	Temperature	21.4	deg C	CAPA-19-171628
R-23	816.0	10/23/2019	WG	Temperature	21.2	deg C	CAPA-20-188510
R-23	816.0	09/25/2020	WG	Temperature	21.4	deg C	CAPA-20-206485
R-23	816.0	10/21/2020	WG	Temperature	21.5	deg C	CAPA-21-208967
R-23	816.0	04/03/2018	WG	Turbidity	1.43	NTU	CAPA-18-151768
R-23	816.0	10/24/2018	WG	Turbidity	1.13	NTU	CAPA-19-163582
R-23	816.0	04/17/2019	WG	Turbidity	0.52	NTU	CAPA-19-171628
R-23	816.0	10/23/2019	WG	Turbidity	5.71	NTU	CAPA-20-188510

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-23	816.0	09/25/2020	WG	Turbidity	1.61	NTU	CAPA-20-206485
R-23	816.0	10/21/2020	WG	Turbidity	0.87	NTU	CAPA-21-208967
R-23i S1	400.3	04/10/2018	WG	Dissolved Oxygen	7.1	mg/L	CAPA-18-151758
R-23i S1	400.3	10/23/2018	WG	Dissolved Oxygen	7.3	mg/L	CAPA-19-163561
R-23i S1	400.3	04/11/2019	WG	Dissolved Oxygen	7.4	mg/L	CAPA-19-171474
R-23i S1	400.3	10/22/2019	WG	Dissolved Oxygen	7.5	mg/L	CAPA-20-188486
R-23i S1	400.3	09/24/2020	WG	Dissolved Oxygen	7.62	mg/L	CAPA-20-206476
R-23i S1	400.3	10/20/2020	WG	Dissolved Oxygen	7.53	mg/L	CAPA-21-208922
R-23i S1	400.3	04/10/2018	WG	Flow (in gpm)	1.22	gpm	CAPA-18-151758
R-23i S1	400.3	10/23/2018	WG	Flow (in gpm)	1.32	gpm	CAPA-19-163561
R-23i S1	400.3	04/11/2019	WG	Flow (in gpm)	1.41	gpm	CAPA-19-171474
R-23i S1	400.3	10/22/2019	WG	Flow (in gpm)	1.15	gpm	CAPA-20-188486
R-23i S1	400.3	09/24/2020	WG	Flow (in gpm)	1	gpm	CAPA-20-206476
R-23i S1	400.3	10/20/2020	WG	Flow (in gpm)	1.21	gpm	CAPA-21-208922
R-23i S1	400.3	04/10/2018	WG	Oxidation-Reduction Potential	-1.5	mV	CAPA-18-151758
R-23i S1	400.3	10/23/2018	WG	Oxidation-Reduction Potential	148.2	mV	CAPA-19-163561
R-23i S1	400.3	04/11/2019	WG	Oxidation-Reduction Potential	70.3	mV	CAPA-19-171474
R-23i S1	400.3	10/22/2019	WG	Oxidation-Reduction Potential	59.9	mV	CAPA-20-188486
R-23i S1	400.3	09/24/2020	WG	Oxidation-Reduction Potential	181.6	mV	CAPA-20-206476
R-23i S1	400.3	10/20/2020	WG	Oxidation-Reduction Potential	167.9	mV	CAPA-21-208922
R-23i S1	400.3	04/10/2018	WG	pH	7.49	SU	CAPA-18-151758
R-23i S1	400.3	10/23/2018	WG	pH	7.61	SU	CAPA-19-163561
R-23i S1	400.3	04/11/2019	WG	pH	7.67	SU	CAPA-19-171474
R-23i S1	400.3	10/22/2019	WG	pH	7.53	SU	CAPA-20-188486
R-23i S1	400.3	09/24/2020	WG	pH	7.5	SU	CAPA-20-206476
R-23i S1	400.3	10/20/2020	WG	pH	7.75	SU	CAPA-21-208922
R-23i S1	400.3	04/10/2018	WG	Specific Conductance	300.1	µS/cm	CAPA-18-151758
R-23i S1	400.3	10/23/2018	WG	Specific Conductance	287.2	µS/cm	CAPA-19-163561
R-23i S1	400.3	04/11/2019	WG	Specific Conductance	307.7	µS/cm	CAPA-19-171474

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-23i S1	400.3	10/22/2019	WG	Specific Conductance	333.3	µS/cm	CAPA-20-188486
R-23i S1	400.3	09/24/2020	WG	Specific Conductance	316.4	µS/cm	CAPA-20-206476
R-23i S1	400.3	10/20/2020	WG	Specific Conductance	317.3	µS/cm	CAPA-21-208922
R-23i S1	400.3	04/10/2018	WG	Temperature	14.9	deg C	CAPA-18-151758
R-23i S1	400.3	10/23/2018	WG	Temperature	14.9	deg C	CAPA-19-163561
R-23i S1	400.3	04/11/2019	WG	Temperature	14.7	deg C	CAPA-19-171474
R-23i S1	400.3	10/22/2019	WG	Temperature	15	deg C	CAPA-20-188486
R-23i S1	400.3	09/24/2020	WG	Temperature	15.2	deg C	CAPA-20-206476
R-23i S1	400.3	10/20/2020	WG	Temperature	14.9	deg C	CAPA-21-208922
R-23i S1	400.3	04/10/2018	WG	Turbidity	0.6	NTU	CAPA-18-151758
R-23i S1	400.3	10/23/2018	WG	Turbidity	1.82	NTU	CAPA-19-163561
R-23i S1	400.3	04/11/2019	WG	Turbidity	2	NTU	CAPA-19-171474
R-23i S1	400.3	10/22/2019	WG	Turbidity	2.39	NTU	CAPA-20-188486
R-23i S1	400.3	09/24/2020	WG	Turbidity	6.34	NTU	CAPA-20-206476
R-23i S1	400.3	10/20/2020	WG	Turbidity	2.83	NTU	CAPA-21-208922
R-23i S2	470.2	04/10/2018	WG	Dissolved Oxygen	6.45	mg/L	CAPA-18-151759
R-23i S2	470.2	10/23/2018	WG	Dissolved Oxygen	6.25	mg/L	CAPA-19-163564
R-23i S2	470.2	04/11/2019	WG	Dissolved Oxygen	6.24	mg/L	CAPA-19-171482
R-23i S2	470.2	10/22/2019	WG	Dissolved Oxygen	6.29	mg/L	CAPA-20-188492
R-23i S2	470.2	09/24/2020	WG	Dissolved Oxygen	6.69	mg/L	CAPA-20-206478
R-23i S2	470.2	10/20/2020	WG	Dissolved Oxygen	6.23	mg/L	CAPA-21-208941
R-23i S2	470.2	04/10/2018	WG	Flow (in gpm)	1.11	gpm	CAPA-18-151759
R-23i S2	470.2	10/23/2018	WG	Flow (in gpm)	1.1	gpm	CAPA-19-163564
R-23i S2	470.2	04/11/2019	WG	Flow (in gpm)	0.86	gpm	CAPA-19-171482
R-23i S2	470.2	10/22/2019	WG	Flow (in gpm)	0.92	gpm	CAPA-20-188492
R-23i S2	470.2	09/24/2020	WG	Flow (in gpm)	0.85	gpm	CAPA-20-206478
R-23i S2	470.2	10/20/2020	WG	Flow (in gpm)	0.91	gpm	CAPA-21-208941
R-23i S2	470.2	04/10/2018	WG	Oxidation-Reduction Potential	64	mV	CAPA-18-151759
R-23i S2	470.2	10/23/2018	WG	Oxidation-Reduction Potential	242.7	mV	CAPA-19-163564

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-23i S2	470.2	04/11/2019	WG	Oxidation-Reduction Potential	167.9	mV	CAPA-19-171482
R-23i S2	470.2	10/22/2019	WG	Oxidation-Reduction Potential	194.8	mV	CAPA-20-188492
R-23i S2	470.2	09/24/2020	WG	Oxidation-Reduction Potential	165.1	mV	CAPA-20-206478
R-23i S2	470.2	10/20/2020	WG	Oxidation-Reduction Potential	158.3	mV	CAPA-21-208941
R-23i S2	470.2	04/10/2018	WG	pH	7.95	SU	CAPA-18-151759
R-23i S2	470.2	10/23/2018	WG	pH	8.11	SU	CAPA-19-163564
R-23i S2	470.2	04/11/2019	WG	pH	8.23	SU	CAPA-19-171482
R-23i S2	470.2	10/22/2019	WG	pH	8.14	SU	CAPA-20-188492
R-23i S2	470.2	09/24/2020	WG	pH	8.26	SU	CAPA-20-206478
R-23i S2	470.2	10/20/2020	WG	pH	8.24	SU	CAPA-21-208941
R-23i S2	470.2	04/10/2018	WG	Specific Conductance	200.1	µS/cm	CAPA-18-151759
R-23i S2	470.2	10/23/2018	WG	Specific Conductance	200.3	µS/cm	CAPA-19-163564
R-23i S2	470.2	04/11/2019	WG	Specific Conductance	199.2	µS/cm	CAPA-19-171482
R-23i S2	470.2	10/22/2019	WG	Specific Conductance	198.3	µS/cm	CAPA-20-188492
R-23i S2	470.2	09/24/2020	WG	Specific Conductance	200.2	µS/cm	CAPA-20-206478
R-23i S2	470.2	10/20/2020	WG	Specific Conductance	201	µS/cm	CAPA-21-208941
R-23i S2	470.2	04/10/2018	WG	Temperature	15.4	deg C	CAPA-18-151759
R-23i S2	470.2	10/23/2018	WG	Temperature	15.3	deg C	CAPA-19-163564
R-23i S2	470.2	04/11/2019	WG	Temperature	15.1	deg C	CAPA-19-171482
R-23i S2	470.2	10/22/2019	WG	Temperature	15.2	deg C	CAPA-20-188492
R-23i S2	470.2	09/24/2020	WG	Temperature	15.8	deg C	CAPA-20-206478
R-23i S2	470.2	10/20/2020	WG	Temperature	15.7	deg C	CAPA-21-208941
R-23i S2	470.2	04/10/2018	WG	Turbidity	1.18	NTU	CAPA-18-151759
R-23i S2	470.2	10/23/2018	WG	Turbidity	0.68	NTU	CAPA-19-163564
R-23i S2	470.2	04/11/2019	WG	Turbidity	0.82	NTU	CAPA-19-171482
R-23i S2	470.2	10/22/2019	WG	Turbidity	0.38	NTU	CAPA-20-188492
R-23i S2	470.2	09/24/2020	WG	Turbidity	0.37	NTU	CAPA-20-206478
R-23i S2	470.2	10/20/2020	WG	Turbidity	0.83	NTU	CAPA-21-208941
R-32 S1	867.5	04/11/2018	WG	Dissolved Oxygen	4.37	mg/L	CAPA-18-151769

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-32 S1	867.5	10/16/2018	WG	Dissolved Oxygen	4.57	mg/L	CAPA-19-163586
R-32 S1	867.5	04/17/2019	WG	Dissolved Oxygen	4.49	mg/L	CAPA-19-171630
R-32 S1	867.5	10/15/2019	WG	Dissolved Oxygen	4.44	mg/L	CAPA-20-188513
R-32 S1	867.5	09/21/2020	WG	Dissolved Oxygen	4.44	mg/L	CAPA-20-206487
R-32 S1	867.5	10/13/2020	WG	Dissolved Oxygen	4.41	mg/L	CAPA-21-208970
R-32 S1	867.5	04/11/2018	WG	Flow (in gpm)	2.4	gpm	CAPA-18-151769
R-32 S1	867.5	10/16/2018	WG	Flow (in gpm)	2.14	gpm	CAPA-19-163586
R-32 S1	867.5	04/17/2019	WG	Flow (in gpm)	2.34	gpm	CAPA-19-171630
R-32 S1	867.5	10/15/2019	WG	Flow (in gpm)	2.31	gpm	CAPA-20-188513
R-32 S1	867.5	09/21/2020	WG	Flow (in gpm)	2.21	gpm	CAPA-20-206487
R-32 S1	867.5	10/13/2020	WG	Flow (in gpm)	2.25	gpm	CAPA-21-208970
R-32 S1	867.5	04/11/2018	WG	Oxidation-Reduction Potential	76.7	mV	CAPA-18-151769
R-32 S1	867.5	10/16/2018	WG	Oxidation-Reduction Potential	241.1	mV	CAPA-19-163586
R-32 S1	867.5	04/17/2019	WG	Oxidation-Reduction Potential	74.1	mV	CAPA-19-171630
R-32 S1	867.5	10/15/2019	WG	Oxidation-Reduction Potential	113.2	mV	CAPA-20-188513
R-32 S1	867.5	09/21/2020	WG	Oxidation-Reduction Potential	70.4	mV	CAPA-20-206487
R-32 S1	867.5	10/13/2020	WG	Oxidation-Reduction Potential	133.6	mV	CAPA-21-208970
R-32 S1	867.5	04/11/2018	WG	pH	7.12	SU	CAPA-18-151769
R-32 S1	867.5	10/16/2018	WG	pH	7.05	SU	CAPA-19-163586
R-32 S1	867.5	04/17/2019	WG	pH	7.16	SU	CAPA-19-171630
R-32 S1	867.5	10/15/2019	WG	pH	7.15	SU	CAPA-20-188513
R-32 S1	867.5	09/21/2020	WG	pH	7.16	SU	CAPA-20-206487
R-32 S1	867.5	10/13/2020	WG	pH	7.07	SU	CAPA-21-208970
R-32 S1	867.5	04/11/2018	WG	Specific Conductance	165	µS/cm	CAPA-18-151769
R-32 S1	867.5	10/16/2018	WG	Specific Conductance	165	µS/cm	CAPA-19-163586
R-32 S1	867.5	04/17/2019	WG	Specific Conductance	165	µS/cm	CAPA-19-171630
R-32 S1	867.5	10/15/2019	WG	Specific Conductance	165.3	µS/cm	CAPA-20-188513
R-32 S1	867.5	09/21/2020	WG	Specific Conductance	164.7	µS/cm	CAPA-20-206487
R-32 S1	867.5	10/13/2020	WG	Specific Conductance	164.1	µS/cm	CAPA-21-208970

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-32 S1	867.5	04/11/2018	WG	Temperature	19.4	deg C	CAPA-18-151769
R-32 S1	867.5	10/16/2018	WG	Temperature	17.9	deg C	CAPA-19-163586
R-32 S1	867.5	04/17/2019	WG	Temperature	19.1	deg C	CAPA-19-171630
R-32 S1	867.5	10/15/2019	WG	Temperature	19.4	deg C	CAPA-20-188513
R-32 S1	867.5	09/21/2020	WG	Temperature	19.7	deg C	CAPA-20-206487
R-32 S1	867.5	10/13/2020	WG	Temperature	19.2	deg C	CAPA-21-208970
R-32 S1	867.5	04/11/2018	WG	Turbidity	0.48	NTU	CAPA-18-151769
R-32 S1	867.5	10/16/2018	WG	Turbidity	0.66	NTU	CAPA-19-163586
R-32 S1	867.5	04/17/2019	WG	Turbidity	0.19	NTU	CAPA-19-171630
R-32 S1	867.5	10/15/2019	WG	Turbidity	0.79	NTU	CAPA-20-188513
R-32 S1	867.5	09/21/2020	WG	Turbidity	0.9	NTU	CAPA-20-206487
R-32 S1	867.5	10/13/2020	WG	Turbidity	0.44	NTU	CAPA-21-208970
R-37 S1	929.3	04/03/2018	WG	Dissolved Oxygen	1.74	mg/L	CAMO-18-153157
R-37 S1	929.3	10/22/2018	WG	Dissolved Oxygen	1.56	mg/L	CAMO-19-163660
R-37 S1	929.3	04/24/2019	WG	Dissolved Oxygen	1.84	mg/L	CAMO-19-171734
R-37 S1	929.3	10/21/2019	WG	Dissolved Oxygen	1.72	mg/L	CAMO-20-188376
R-37 S1	929.3	09/25/2020	WG	Dissolved Oxygen	1.73	mg/L	CAMO-20-206497
R-37 S1	929.3	10/19/2020	WG	Dissolved Oxygen	1.71	mg/L	CAMO-21-208948
R-37 S1	929.3	04/03/2018	WG	Flow (in gpm)	0.63	gpm	CAMO-18-153157
R-37 S1	929.3	10/22/2018	WG	Flow (in gpm)	0.73	gpm	CAMO-19-163660
R-37 S1	929.3	04/24/2019	WG	Flow (in gpm)	0.82	gpm	CAMO-19-171734
R-37 S1	929.3	10/21/2019	WG	Flow (in gpm)	0.77	gpm	CAMO-20-188376
R-37 S1	929.3	09/25/2020	WG	Flow (in gpm)	0.76	gpm	CAMO-20-206497
R-37 S1	929.3	10/19/2020	WG	Flow (in gpm)	0.69	gpm	CAMO-21-208948
R-37 S1	929.3	04/03/2018	WG	Oxidation-Reduction Potential	145.1	mV	CAMO-18-153157
R-37 S1	929.3	10/22/2018	WG	Oxidation-Reduction Potential	239.8	mV	CAMO-19-163660
R-37 S1	929.3	04/24/2019	WG	Oxidation-Reduction Potential	151.2	mV	CAMO-19-171734
R-37 S1	929.3	10/21/2019	WG	Oxidation-Reduction Potential	193.9	mV	CAMO-20-188376
R-37 S1	929.3	09/25/2020	WG	Oxidation-Reduction Potential	78.5	mV	CAMO-20-206497

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-37 S1	929.3	10/19/2020	WG	Oxidation-Reduction Potential	73.4	mV	CAMO-21-208948
R-37 S1	929.3	04/03/2018	WG	pH	8.25	SU	CAMO-18-153157
R-37 S1	929.3	10/22/2018	WG	pH	8.25	SU	CAMO-19-163660
R-37 S1	929.3	04/24/2019	WG	pH	8.32	SU	CAMO-19-171734
R-37 S1	929.3	10/21/2019	WG	pH	8.39	SU	CAMO-20-188376
R-37 S1	929.3	09/25/2020	WG	pH	8.31	SU	CAMO-20-206497
R-37 S1	929.3	10/19/2020	WG	pH	8.2	SU	CAMO-21-208948
R-37 S1	929.3	04/03/2018	WG	Specific Conductance	234.9	µS/cm	CAMO-18-153157
R-37 S1	929.3	10/22/2018	WG	Specific Conductance	239.9	µS/cm	CAMO-19-163660
R-37 S1	929.3	04/24/2019	WG	Specific Conductance	236	µS/cm	CAMO-19-171734
R-37 S1	929.3	10/21/2019	WG	Specific Conductance	234.5	µS/cm	CAMO-20-188376
R-37 S1	929.3	09/25/2020	WG	Specific Conductance	236.8	µS/cm	CAMO-20-206497
R-37 S1	929.3	10/19/2020	WG	Specific Conductance	233.9	µS/cm	CAMO-21-208948
R-37 S1	929.3	04/03/2018	WG	Temperature	17.4	deg C	CAMO-18-153157
R-37 S1	929.3	10/22/2018	WG	Temperature	17.8	deg C	CAMO-19-163660
R-37 S1	929.3	04/24/2019	WG	Temperature	17.7	deg C	CAMO-19-171734
R-37 S1	929.3	10/21/2019	WG	Temperature	17.2	deg C	CAMO-20-188376
R-37 S1	929.3	09/25/2020	WG	Temperature	18	deg C	CAMO-20-206497
R-37 S1	929.3	10/19/2020	WG	Temperature	18	deg C	CAMO-21-208948
R-37 S1	929.3	04/03/2018	WG	Turbidity	0.18	NTU	CAMO-18-153157
R-37 S1	929.3	10/22/2018	WG	Turbidity	0.17	NTU	CAMO-19-163660
R-37 S1	929.3	04/24/2019	WG	Turbidity	0.53	NTU	CAMO-19-171734
R-37 S1	929.3	10/21/2019	WG	Turbidity	0.23	NTU	CAMO-20-188376
R-37 S1	929.3	09/25/2020	WG	Turbidity	0.27	NTU	CAMO-20-206497
R-37 S1	929.3	10/19/2020	WG	Turbidity	0.37	NTU	CAMO-21-208948
R-37 S2	1026.0	04/10/2018	WG	Dissolved Oxygen	6.2	mg/L	CAMO-18-152710
R-37 S2	1026.0	10/18/2018	WG	Dissolved Oxygen	6.6	mg/L	CAMO-19-163674
R-37 S2	1026.0	04/15/2019	WG	Dissolved Oxygen	6.41	mg/L	CAMO-19-171739
R-37 S2	1026.0	10/17/2019	WG	Dissolved Oxygen	6.56	mg/L	CAMO-20-188436

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-37 S2	1026.0	09/14/2020	WG	Dissolved Oxygen	6.78	mg/L	CAMO-20-206499
R-37 S2	1026.0	10/15/2020	WG	Dissolved Oxygen	6.79	mg/L	CAMO-21-208973
R-37 S2	1026.0	04/10/2018	WG	Flow (in gpm)	10.34	gpm	CAMO-18-152710
R-37 S2	1026.0	10/18/2018	WG	Flow (in gpm)	10	gpm	CAMO-19-163674
R-37 S2	1026.0	04/15/2019	WG	Flow (in gpm)	9.68	gpm	CAMO-19-171739
R-37 S2	1026.0	10/17/2019	WG	Flow (in gpm)	9.68	gpm	CAMO-20-188436
R-37 S2	1026.0	09/14/2020	WG	Flow (in gpm)	10.34	gpm	CAMO-20-206499
R-37 S2	1026.0	10/15/2020	WG	Flow (in gpm)	10	gpm	CAMO-21-208973
R-37 S2	1026.0	04/10/2018	WG	Oxidation-Reduction Potential	136.8	mV	CAMO-18-152710
R-37 S2	1026.0	10/18/2018	WG	Oxidation-Reduction Potential	249.2	mV	CAMO-19-163674
R-37 S2	1026.0	04/15/2019	WG	Oxidation-Reduction Potential	150.8	mV	CAMO-19-171739
R-37 S2	1026.0	10/17/2019	WG	Oxidation-Reduction Potential	181.6	mV	CAMO-20-188436
R-37 S2	1026.0	09/14/2020	WG	Oxidation-Reduction Potential	162.1	mV	CAMO-20-206499
R-37 S2	1026.0	10/15/2020	WG	Oxidation-Reduction Potential	147.2	mV	CAMO-21-208973
R-37 S2	1026.0	04/10/2018	WG	pH	7.97	SU	CAMO-18-152710
R-37 S2	1026.0	10/18/2018	WG	pH	7.99	SU	CAMO-19-163674
R-37 S2	1026.0	04/15/2019	WG	pH	7.45	SU	CAMO-19-171739
R-37 S2	1026.0	10/17/2019	WG	pH	8.07	SU	CAMO-20-188436
R-37 S2	1026.0	09/14/2020	WG	pH	7.91	SU	CAMO-20-206499
R-37 S2	1026.0	10/15/2020	WG	pH	7.76	SU	CAMO-21-208973
R-37 S2	1026.0	04/10/2018	WG	Specific Conductance	137.5	µS/cm	CAMO-18-152710
R-37 S2	1026.0	10/18/2018	WG	Specific Conductance	136.8	µS/cm	CAMO-19-163674
R-37 S2	1026.0	04/15/2019	WG	Specific Conductance	137.3	µS/cm	CAMO-19-171739
R-37 S2	1026.0	10/17/2019	WG	Specific Conductance	137.9	µS/cm	CAMO-20-188436
R-37 S2	1026.0	09/14/2020	WG	Specific Conductance	137.5	µS/cm	CAMO-20-206499
R-37 S2	1026.0	10/15/2020	WG	Specific Conductance	133.8	µS/cm	CAMO-21-208973
R-37 S2	1026.0	04/10/2018	WG	Temperature	21.3	deg C	CAMO-18-152710
R-37 S2	1026.0	10/18/2018	WG	Temperature	20.9	deg C	CAMO-19-163674
R-37 S2	1026.0	04/15/2019	WG	Temperature	21.5	deg C	CAMO-19-171739

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-37 S2	1026.0	10/17/2019	WG	Temperature	21.3	deg C	CAMO-20-188436
R-37 S2	1026.0	09/14/2020	WG	Temperature	21.6	deg C	CAMO-20-206499
R-37 S2	1026.0	10/15/2020	WG	Temperature	20.8	deg C	CAMO-21-208973
R-37 S2	1026.0	04/10/2018	WG	Turbidity	1.14	NTU	CAMO-18-152710
R-37 S2	1026.0	10/18/2018	WG	Turbidity	0.76	NTU	CAMO-19-163674
R-37 S2	1026.0	04/15/2019	WG	Turbidity	0.6	NTU	CAMO-19-171739
R-37 S2	1026.0	10/17/2019	WG	Turbidity	0.64	NTU	CAMO-20-188436
R-37 S2	1026.0	09/14/2020	WG	Turbidity	4.37	NTU	CAMO-20-206499
R-37 S2	1026.0	10/15/2020	WG	Turbidity	0.8	NTU	CAMO-21-208973
R-38	821.2	04/04/2018	WG	Dissolved Oxygen	6.39	mg/L	CAMO-18-152711
R-38	821.2	10/16/2018	WG	Dissolved Oxygen	6.17	mg/L	CAMO-19-163677
R-38	821.2	04/10/2019	WG	Dissolved Oxygen	6.23	mg/L	CAMO-19-171744
R-38	821.2	10/15/2019	WG	Dissolved Oxygen	6.13	mg/L	CAMO-20-188439
R-38	821.2	09/15/2020	WG	Dissolved Oxygen	6.16	mg/L	CAMO-20-206501
R-38	821.2	10/13/2020	WG	Dissolved Oxygen	6.28	mg/L	CAMO-21-208976
R-38	821.2	04/04/2018	WG	Flow (in gpm)	3.66	gpm	CAMO-18-152711
R-38	821.2	10/16/2018	WG	Flow (in gpm)	2.59	gpm	CAMO-19-163677
R-38	821.2	04/10/2019	WG	Flow (in gpm)	2.72	gpm	CAMO-19-171744
R-38	821.2	10/15/2019	WG	Flow (in gpm)	2.56	gpm	CAMO-20-188439
R-38	821.2	09/15/2020	WG	Flow (in gpm)	2.63	gpm	CAMO-20-206501
R-38	821.2	10/13/2020	WG	Flow (in gpm)	2.67	gpm	CAMO-21-208976
R-38	821.2	04/04/2018	WG	Oxidation-Reduction Potential	99.2	mV	CAMO-18-152711
R-38	821.2	10/16/2018	WG	Oxidation-Reduction Potential	333.2	mV	CAMO-19-163677
R-38	821.2	04/10/2019	WG	Oxidation-Reduction Potential	119.6	mV	CAMO-19-171744
R-38	821.2	10/15/2019	WG	Oxidation-Reduction Potential	212.7	mV	CAMO-20-188439
R-38	821.2	09/15/2020	WG	Oxidation-Reduction Potential	141.3	mV	CAMO-20-206501
R-38	821.2	10/13/2020	WG	Oxidation-Reduction Potential	118	mV	CAMO-21-208976
R-38	821.2	04/04/2018	WG	pH	7.11	SU	CAMO-18-152711
R-38	821.2	10/16/2018	WG	pH	7.05	SU	CAMO-19-163677

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-38	821.2	04/10/2019	WG	pH	7.14	SU	CAMO-19-171744
R-38	821.2	10/15/2019	WG	pH	7.11	SU	CAMO-20-188439
R-38	821.2	09/15/2020	WG	pH	6.93	SU	CAMO-20-206501
R-38	821.2	10/13/2020	WG	pH	6.98	SU	CAMO-21-208976
R-38	821.2	04/04/2018	WG	Specific Conductance	138.6	µS/cm	CAMO-18-152711
R-38	821.2	10/16/2018	WG	Specific Conductance	139.6	µS/cm	CAMO-19-163677
R-38	821.2	04/10/2019	WG	Specific Conductance	138.3	µS/cm	CAMO-19-171744
R-38	821.2	10/15/2019	WG	Specific Conductance	139.1	µS/cm	CAMO-20-188439
R-38	821.2	09/15/2020	WG	Specific Conductance	139.4	µS/cm	CAMO-20-206501
R-38	821.2	10/13/2020	WG	Specific Conductance	136.6	µS/cm	CAMO-21-208976
R-38	821.2	04/04/2018	WG	Temperature	18.3	deg C	CAMO-18-152711
R-38	821.2	10/16/2018	WG	Temperature	17.9	deg C	CAMO-19-163677
R-38	821.2	04/10/2019	WG	Temperature	17.8	deg C	CAMO-19-171744
R-38	821.2	10/15/2019	WG	Temperature	18.6	deg C	CAMO-20-188439
R-38	821.2	09/15/2020	WG	Temperature	19	deg C	CAMO-20-206501
R-38	821.2	10/13/2020	WG	Temperature	18.8	deg C	CAMO-21-208976
R-38	821.2	04/04/2018	WG	Turbidity	0.7	NTU	CAMO-18-152711
R-38	821.2	10/16/2018	WG	Turbidity	0.76	NTU	CAMO-19-163677
R-38	821.2	04/10/2019	WG	Turbidity	1.63	NTU	CAMO-19-171744
R-38	821.2	10/15/2019	WG	Turbidity	0.66	NTU	CAMO-20-188439
R-38	821.2	09/15/2020	WG	Turbidity	1.25	NTU	CAMO-20-206501
R-38	821.2	10/13/2020	WG	Turbidity	1.16	NTU	CAMO-21-208976
R-39	859.03	04/03/2018	WG	Dissolved Oxygen	5.51	mg/L	CAPA-18-151772
R-39	859.03	10/24/2018	WG	Dissolved Oxygen	5.4	mg/L	CAPA-19-163589
R-39	859.03	04/19/2019	WG	Dissolved Oxygen	5.38	mg/L	CAPA-19-171632
R-39	859.03	10/23/2019	WG	Dissolved Oxygen	5.32	mg/L	CAPA-20-188516
R-39	859.03	09/24/2020	WG	Dissolved Oxygen	5.19	mg/L	CAPA-20-206489
R-39	859.03	10/21/2020	WG	Dissolved Oxygen	5.33	mg/L	CAPA-21-208981
R-39	859.03	04/03/2018	WG	Flow (in gpm)	2.32	gpm	CAPA-18-151772

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-39	859.03	10/24/2018	WG	Flow (in gpm)	2.27	gpm	CAPA-19-163589
R-39	859.03	04/19/2019	WG	Flow (in gpm)	2.29	gpm	CAPA-19-171632
R-39	859.03	10/23/2019	WG	Flow (in gpm)	2.26	gpm	CAPA-20-188516
R-39	859.03	09/24/2020	WG	Flow (in gpm)	2.26	gpm	CAPA-20-206489
R-39	859.03	10/21/2020	WG	Flow (in gpm)	2.33	gpm	CAPA-21-208981
R-39	859.03	04/03/2018	WG	Oxidation-Reduction Potential	109.4	mV	CAPA-18-151772
R-39	859.03	10/24/2018	WG	Oxidation-Reduction Potential	141.2	mV	CAPA-19-163589
R-39	859.03	04/19/2019	WG	Oxidation-Reduction Potential	109.2	mV	CAPA-19-171632
R-39	859.03	10/23/2019	WG	Oxidation-Reduction Potential	99.6	mV	CAPA-20-188516
R-39	859.03	09/24/2020	WG	Oxidation-Reduction Potential	103	mV	CAPA-20-206489
R-39	859.03	10/21/2020	WG	Oxidation-Reduction Potential	122.2	mV	CAPA-21-208981
R-39	859.03	04/03/2018	WG	pH	6.85	SU	CAPA-18-151772
R-39	859.03	10/24/2018	WG	pH	6.73	SU	CAPA-19-163589
R-39	859.03	04/19/2019	WG	pH	6.8	SU	CAPA-19-171632
R-39	859.03	10/23/2019	WG	pH	6.77	SU	CAPA-20-188516
R-39	859.03	09/24/2020	WG	pH	6.8	SU	CAPA-20-206489
R-39	859.03	10/21/2020	WG	pH	6.88	SU	CAPA-21-208981
R-39	859.03	04/03/2018	WG	Specific Conductance	138.1	µS/cm	CAPA-18-151772
R-39	859.03	10/24/2018	WG	Specific Conductance	139.3	µS/cm	CAPA-19-163589
R-39	859.03	04/19/2019	WG	Specific Conductance	138.7	µS/cm	CAPA-19-171632
R-39	859.03	10/23/2019	WG	Specific Conductance	138.4	µS/cm	CAPA-20-188516
R-39	859.03	09/24/2020	WG	Specific Conductance	139.6	µS/cm	CAPA-20-206489
R-39	859.03	10/21/2020	WG	Specific Conductance	138.3	µS/cm	CAPA-21-208981
R-39	859.03	04/03/2018	WG	Temperature	19.5	deg C	CAPA-18-151772
R-39	859.03	10/24/2018	WG	Temperature	18.9	deg C	CAPA-19-163589
R-39	859.03	04/19/2019	WG	Temperature	18.7	deg C	CAPA-19-171632
R-39	859.03	10/23/2019	WG	Temperature	20	deg C	CAPA-20-188516
R-39	859.03	09/24/2020	WG	Temperature	20.2	deg C	CAPA-20-206489
R-39	859.03	10/21/2020	WG	Temperature	20.3	deg C	CAPA-21-208981

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-39	859.03	04/03/2018	WG	Turbidity	1.46	NTU	CAPA-18-151772
R-39	859.03	10/24/2018	WG	Turbidity	1.49	NTU	CAPA-19-163589
R-39	859.03	04/19/2019	WG	Turbidity	2.38	NTU	CAPA-19-171632
R-39	859.03	10/23/2019	WG	Turbidity	3.42	NTU	CAPA-20-188516
R-39	859.03	09/24/2020	WG	Turbidity	1.38	NTU	CAPA-20-206489
R-39	859.03	10/21/2020	WG	Turbidity	1.9	NTU	CAPA-21-208981
R-40 S1	751.59	11/02/2017	WG	Dissolved Oxygen	1.13	mg/L	CAPA-18-147582
R-40 S1	751.59	04/12/2018	WG	Dissolved Oxygen	1.33	mg/L	CAPA-18-151763
R-40 S1	751.59	04/12/2019	WG	Dissolved Oxygen	1.3	mg/L	CAPA-19-171622
R-40 S1	751.59	10/30/2019	WG	Dissolved Oxygen	1.27	mg/L	CAPA-20-188500
R-40 S1	751.59	09/23/2020	WG	Dissolved Oxygen	1.14	mg/L	CAPA-20-206482
R-40 S1	751.59	10/22/2020	WG	Dissolved Oxygen	2.43	mg/L	CAPA-21-208953
R-40 S1	751.59	11/02/2017	WG	Flow (in gpm)	0.56	gpm	CAPA-18-147583
R-40 S1	751.59	04/12/2018	WG	Flow (in gpm)	0.56	gpm	CAPA-18-151763
R-40 S1	751.59	04/12/2019	WG	Flow (in gpm)	0.6	gpm	CAPA-19-171622
R-40 S1	751.59	10/30/2019	WG	Flow (in gpm)	0.63	gpm	CAPA-20-188500
R-40 S1	751.59	09/23/2020	WG	Flow (in gpm)	0.61	gpm	CAPA-20-206482
R-40 S1	751.59	10/22/2020	WG	Flow (in gpm)	0.62	gpm	CAPA-21-208953
R-40 S1	751.59	11/02/2017	WG	Oxidation-Reduction Potential	176.5	mV	CAPA-18-147582
R-40 S1	751.59	04/12/2018	WG	Oxidation-Reduction Potential	184.2	mV	CAPA-18-151763
R-40 S1	751.59	04/12/2019	WG	Oxidation-Reduction Potential	164.4	mV	CAPA-19-171622
R-40 S1	751.59	10/30/2019	WG	Oxidation-Reduction Potential	156.9	mV	CAPA-20-188500
R-40 S1	751.59	09/23/2020	WG	Oxidation-Reduction Potential	132.9	mV	CAPA-20-206482
R-40 S1	751.59	10/22/2020	WG	Oxidation-Reduction Potential	169	mV	CAPA-21-208953
R-40 S1	751.59	11/02/2017	WG	pH	9.01	SU	CAPA-18-147582
R-40 S1	751.59	04/12/2018	WG	pH	8.69	SU	CAPA-18-151763
R-40 S1	751.59	04/12/2019	WG	pH	8.81	SU	CAPA-19-171622
R-40 S1	751.59	10/30/2019	WG	pH	8.89	SU	CAPA-20-188500
R-40 S1	751.59	09/23/2020	WG	pH	8.7	SU	CAPA-20-206482

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-40 S1	751.59	10/22/2020	WG	pH	8.98	SU	CAPA-21-208953
R-40 S1	751.59	11/02/2017	WG	Specific Conductance	160.8	µS/cm	CAPA-18-147582
R-40 S1	751.59	04/12/2018	WG	Specific Conductance	166	µS/cm	CAPA-18-151763
R-40 S1	751.59	04/12/2019	WG	Specific Conductance	173.6	µS/cm	CAPA-19-171622
R-40 S1	751.59	10/30/2019	WG	Specific Conductance	171.8	µS/cm	CAPA-20-188500
R-40 S1	751.59	09/23/2020	WG	Specific Conductance	174.6	µS/cm	CAPA-20-206482
R-40 S1	751.59	10/22/2020	WG	Specific Conductance	177.9	µS/cm	CAPA-21-208953
R-40 S1	751.59	11/02/2017	WG	Temperature	16.9	deg C	CAPA-18-147582
R-40 S1	751.59	04/12/2018	WG	Temperature	17.2	deg C	CAPA-18-151763
R-40 S1	751.59	04/12/2019	WG	Temperature	16.7	deg C	CAPA-19-171622
R-40 S1	751.59	10/30/2019	WG	Temperature	15.5	deg C	CAPA-20-188500
R-40 S1	751.59	09/23/2020	WG	Temperature	17.2	deg C	CAPA-20-206482
R-40 S1	751.59	10/22/2020	WG	Temperature	17	deg C	CAPA-21-208953
R-40 S1	751.59	11/02/2017	WG	Turbidity	0.23	NTU	CAPA-18-147582
R-40 S1	751.59	04/12/2018	WG	Turbidity	0.26	NTU	CAPA-18-151763
R-40 S1	751.59	04/12/2019	WG	Turbidity	0.27	NTU	CAPA-19-171622
R-40 S1	751.59	10/30/2019	WG	Turbidity	0.3	NTU	CAPA-20-188500
R-40 S1	751.59	09/23/2020	WG	Turbidity	0.84	NTU	CAPA-20-206482
R-40 S1	751.59	10/22/2020	WG	Turbidity	0.51	NTU	CAPA-21-208953
R-40 S2	849.27	04/12/2018	WG	Dissolved Oxygen	6.69	mg/L	CAPA-18-151773
R-40 S2	849.27	10/25/2018	WG	Dissolved Oxygen	6.34	mg/L	CAPA-19-163594
R-40 S2	849.27	04/15/2019	WG	Dissolved Oxygen	6.68	mg/L	CAPA-19-171635
R-40 S2	849.27	10/30/2019	WG	Dissolved Oxygen	6.95	mg/L	CAPA-20-188519
R-40 S2	849.27	09/23/2020	WG	Dissolved Oxygen	6.94	mg/L	CAPA-20-206491
R-40 S2	849.27	10/22/2020	WG	Dissolved Oxygen	6.72	mg/L	CAPA-21-208872
R-40 S2	849.27	04/12/2018	WG	Flow (in gpm)	2.14	gpm	CAPA-18-151773
R-40 S2	849.27	10/25/2018	WG	Flow (in gpm)	2.07	gpm	CAPA-19-163594
R-40 S2	849.27	04/15/2019	WG	Flow (in gpm)	2.04	gpm	CAPA-19-171635
R-40 S2	849.27	10/30/2019	WG	Flow (in gpm)	2.15	gpm	CAPA-20-188519

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-40 S2	849.27	09/23/2020	WG	Flow (in gpm)	2.07	gpm	CAPA-20-206491
R-40 S2	849.27	10/22/2020	WG	Flow (in gpm)	2.14	gpm	CAPA-21-208872
R-40 S2	849.27	04/12/2018	WG	Oxidation-Reduction Potential	179.4	mV	CAPA-18-151773
R-40 S2	849.27	10/25/2018	WG	Oxidation-Reduction Potential	282	mV	CAPA-19-163594
R-40 S2	849.27	04/15/2019	WG	Oxidation-Reduction Potential	172.1	mV	CAPA-19-171635
R-40 S2	849.27	10/30/2019	WG	Oxidation-Reduction Potential	176.5	mV	CAPA-20-188519
R-40 S2	849.27	09/23/2020	WG	Oxidation-Reduction Potential	86.7	mV	CAPA-20-206491
R-40 S2	849.27	10/22/2020	WG	Oxidation-Reduction Potential	161.3	mV	CAPA-21-208872
R-40 S2	849.27	04/12/2018	WG	pH	8.15	SU	CAPA-18-151773
R-40 S2	849.27	10/25/2018	WG	pH	8.34	SU	CAPA-19-163594
R-40 S2	849.27	04/15/2019	WG	pH	8.23	SU	CAPA-19-171635
R-40 S2	849.27	10/30/2019	WG	pH	8.31	SU	CAPA-20-188519
R-40 S2	849.27	09/23/2020	WG	pH	8.46	SU	CAPA-20-206491
R-40 S2	849.27	10/22/2020	WG	pH	8.36	SU	CAPA-21-208872
R-40 S2	849.27	04/12/2018	WG	Specific Conductance	125.2	µS/cm	CAPA-18-151773
R-40 S2	849.27	10/25/2018	WG	Specific Conductance	131.7	µS/cm	CAPA-19-163594
R-40 S2	849.27	04/15/2019	WG	Specific Conductance	125.2	µS/cm	CAPA-19-171635
R-40 S2	849.27	10/30/2019	WG	Specific Conductance	129.3	µS/cm	CAPA-20-188519
R-40 S2	849.27	09/23/2020	WG	Specific Conductance	131.2	µS/cm	CAPA-20-206491
R-40 S2	849.27	10/22/2020	WG	Specific Conductance	130.9	µS/cm	CAPA-21-208872
R-40 S2	849.27	04/12/2018	WG	Temperature	21.2	deg C	CAPA-18-151773
R-40 S2	849.27	10/25/2018	WG	Temperature	20.5	deg C	CAPA-19-163594
R-40 S2	849.27	04/15/2019	WG	Temperature	20.4	deg C	CAPA-19-171635
R-40 S2	849.27	10/30/2019	WG	Temperature	20.1	deg C	CAPA-20-188519
R-40 S2	849.27	09/23/2020	WG	Temperature	21.3	deg C	CAPA-20-206491
R-40 S2	849.27	10/22/2020	WG	Temperature	21.4	deg C	CAPA-21-208872
R-40 S2	849.27	04/12/2018	WG	Turbidity	0.31	NTU	CAPA-18-151773
R-40 S2	849.27	10/25/2018	WG	Turbidity	0.3	NTU	CAPA-19-163594
R-40 S2	849.27	04/15/2019	WG	Turbidity	0.32	NTU	CAPA-19-171635

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-40 S2	849.27	10/30/2019	WG	Turbidity	3.35	NTU	CAPA-20-188519
R-40 S2	849.27	09/23/2020	WG	Turbidity	0.37	NTU	CAPA-20-206491
R-40 S2	849.27	10/22/2020	WG	Turbidity	0.5	NTU	CAPA-21-208872
R-41 S2	965.3	04/04/2018	WG	Dissolved Oxygen	6.16	mg/L	CAPA-18-151774
R-41 S2	965.3	10/18/2018	WG	Dissolved Oxygen	6.3	mg/L	CAPA-19-163597
R-41 S2	965.3	04/12/2019	WG	Dissolved Oxygen	6.34	mg/L	CAPA-19-171649
R-41 S2	965.3	10/17/2019	WG	Dissolved Oxygen	6.22	mg/L	CAPA-20-188522
R-41 S2	965.3	09/15/2020	WG	Dissolved Oxygen	6.3	mg/L	CAPA-20-206493
R-41 S2	965.3	10/15/2020	WG	Dissolved Oxygen	6.35	mg/L	CAPA-21-208985
R-41 S2	965.3	04/04/2018	WG	Flow (in gpm)	2.83	gpm	CAPA-18-151774
R-41 S2	965.3	10/18/2018	WG	Flow (in gpm)	2.83	gpm	CAPA-19-163597
R-41 S2	965.3	04/12/2019	WG	Flow (in gpm)	2.86	gpm	CAPA-19-171649
R-41 S2	965.3	10/17/2019	WG	Flow (in gpm)	2.78	gpm	CAPA-20-188522
R-41 S2	965.3	09/15/2020	WG	Flow (in gpm)	2.8	gpm	CAPA-20-206493
R-41 S2	965.3	10/15/2020	WG	Flow (in gpm)	2.85	gpm	CAPA-21-208985
R-41 S2	965.3	04/04/2018	WG	Oxidation-Reduction Potential	175.3	mV	CAPA-18-151774
R-41 S2	965.3	10/18/2018	WG	Oxidation-Reduction Potential	228.9	mV	CAPA-19-163597
R-41 S2	965.3	04/12/2019	WG	Oxidation-Reduction Potential	135.4	mV	CAPA-19-171649
R-41 S2	965.3	10/17/2019	WG	Oxidation-Reduction Potential	126.1	mV	CAPA-20-188522
R-41 S2	965.3	09/15/2020	WG	Oxidation-Reduction Potential	143.5	mV	CAPA-20-206493
R-41 S2	965.3	10/15/2020	WG	Oxidation-Reduction Potential	157.1	mV	CAPA-21-208985
R-41 S2	965.3	04/04/2018	WG	pH	8.11	SU	CAPA-18-151774
R-41 S2	965.3	10/18/2018	WG	pH	8.08	SU	CAPA-19-163597
R-41 S2	965.3	04/12/2019	WG	pH	8.2	SU	CAPA-19-171649
R-41 S2	965.3	10/17/2019	WG	pH	8.07	SU	CAPA-20-188522
R-41 S2	965.3	09/15/2020	WG	pH	8.15	SU	CAPA-20-206493
R-41 S2	965.3	10/15/2020	WG	pH	8.29	SU	CAPA-21-208985
R-41 S2	965.3	04/04/2018	WG	Specific Conductance	157.7	µS/cm	CAPA-18-151774
R-41 S2	965.3	10/18/2018	WG	Specific Conductance	158.1	µS/cm	CAPA-19-163597

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-41 S2	965.3	04/12/2019	WG	Specific Conductance	157.1	µS/cm	CAPA-19-171649
R-41 S2	965.3	10/17/2019	WG	Specific Conductance	156.5	µS/cm	CAPA-20-188522
R-41 S2	965.3	09/15/2020	WG	Specific Conductance	156.3	µS/cm	CAPA-20-206493
R-41 S2	965.3	10/15/2020	WG	Specific Conductance	155.3	µS/cm	CAPA-21-208985
R-41 S2	965.3	04/04/2018	WG	Temperature	20.8	deg C	CAPA-18-151774
R-41 S2	965.3	10/18/2018	WG	Temperature	21.3	deg C	CAPA-19-163597
R-41 S2	965.3	04/12/2019	WG	Temperature	21.7	deg C	CAPA-19-171649
R-41 S2	965.3	10/17/2019	WG	Temperature	21.8	deg C	CAPA-20-188522
R-41 S2	965.3	09/15/2020	WG	Temperature	22.2	deg C	CAPA-20-206493
R-41 S2	965.3	10/15/2020	WG	Temperature	21.7	deg C	CAPA-21-208985
R-41 S2	965.3	04/04/2018	WG	Turbidity	0.26	NTU	CAPA-18-151774
R-41 S2	965.3	10/18/2018	WG	Turbidity	0.26	NTU	CAPA-19-163597
R-41 S2	965.3	04/12/2019	WG	Turbidity	0.35	NTU	CAPA-19-171649
R-41 S2	965.3	10/17/2019	WG	Turbidity	0.97	NTU	CAPA-20-188522
R-41 S2	965.3	09/15/2020	WG	Turbidity	1.28	NTU	CAPA-20-206493
R-41 S2	965.3	10/15/2020	WG	Turbidity	0.72	NTU	CAPA-21-208985
R-49 S1	845.0	04/05/2018	WG	Dissolved Oxygen	3.91	mg/L	CAPA-18-151775
R-49 S1	845.0	11/02/2018	WG	Dissolved Oxygen	4.5	mg/L	CAPA-19-163600
R-49 S1	845.0	04/16/2019	WG	Dissolved Oxygen	4.55	mg/L	CAPA-19-171657
R-49 S1	845.0	10/29/2019	WG	Dissolved Oxygen	3.99	mg/L	CAPA-20-188525
R-49 S1	845.0	10/28/2020	WG	Dissolved Oxygen	4.05	mg/L	CAPA-21-209007
R-49 S1	845.0	04/05/2018	WG	Flow (in gpm)	1.7	gpm	CAPA-18-151775
R-49 S1	845.0	11/02/2018	WG	Flow (in gpm)	1.6	gpm	CAPA-19-163600
R-49 S1	845.0	04/16/2019	WG	Flow (in gpm)	1.58	gpm	CAPA-19-171657
R-49 S1	845.0	10/29/2019	WG	Flow (in gpm)	1.38	gpm	CAPA-20-188525
R-49 S1	845.0	10/28/2020	WG	Flow (in gpm)	1.5	gpm	CAPA-21-209007
R-49 S1	845.0	04/05/2018	WG	Oxidation-Reduction Potential	94	mV	CAPA-18-151775
R-49 S1	845.0	11/02/2018	WG	Oxidation-Reduction Potential	265.8	mV	CAPA-19-163600
R-49 S1	845.0	04/16/2019	WG	Oxidation-Reduction Potential	139.6	mV	CAPA-19-171657

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-49 S1	845.0	10/29/2019	WG	Oxidation-Reduction Potential	185.3	mV	CAPA-20-188525
R-49 S1	845.0	10/28/2020	WG	Oxidation-Reduction Potential	99.5	mV	CAPA-21-209007
R-49 S1	845.0	04/05/2018	WG	pH	7.91	SU	CAPA-18-151775
R-49 S1	845.0	11/02/2018	WG	pH	8.07	SU	CAPA-19-163600
R-49 S1	845.0	04/16/2019	WG	pH	7.84	SU	CAPA-19-171657
R-49 S1	845.0	10/29/2019	WG	pH	7.91	SU	CAPA-20-188525
R-49 S1	845.0	10/28/2020	WG	pH	7.89	SU	CAPA-21-209007
R-49 S1	845.0	04/05/2018	WG	Specific Conductance	147.6	µS/cm	CAPA-18-151775
R-49 S1	845.0	11/02/2018	WG	Specific Conductance	150.5	µS/cm	CAPA-19-163600
R-49 S1	845.0	04/16/2019	WG	Specific Conductance	150.5	µS/cm	CAPA-19-171657
R-49 S1	845.0	10/29/2019	WG	Specific Conductance	149.4	µS/cm	CAPA-20-188525
R-49 S1	845.0	10/28/2020	WG	Specific Conductance	150.7	µS/cm	CAPA-21-209007
R-49 S1	845.0	04/05/2018	WG	Temperature	21.9	deg C	CAPA-18-151775
R-49 S1	845.0	11/02/2018	WG	Temperature	21.8	deg C	CAPA-19-163600
R-49 S1	845.0	04/16/2019	WG	Temperature	22.5	deg C	CAPA-19-171657
R-49 S1	845.0	10/29/2019	WG	Temperature	20.8	deg C	CAPA-20-188525
R-49 S1	845.0	10/28/2020	WG	Temperature	20.7	deg C	CAPA-21-209007
R-49 S1	845.0	04/05/2018	WG	Turbidity	4.25	NTU	CAPA-18-151775
R-49 S1	845.0	11/02/2018	WG	Turbidity	17.6	NTU	CAPA-19-163600
R-49 S1	845.0	04/16/2019	WG	Turbidity	2.69	NTU	CAPA-19-171657
R-49 S1	845.0	10/29/2019	WG	Turbidity	2.56	NTU	CAPA-20-188525
R-49 S1	845.0	10/28/2020	WG	Turbidity	4.72	NTU	CAPA-21-209007
R-49 S2	905.6	04/05/2018	WG	Dissolved Oxygen	6.44	mg/L	CAPA-18-151776
R-49 S2	905.6	11/02/2018	WG	Dissolved Oxygen	6.58	mg/L	CAPA-19-163603
R-49 S2	905.6	04/22/2019	WG	Dissolved Oxygen	6.74	mg/L	CAPA-19-171659
R-49 S2	905.6	10/29/2019	WG	Dissolved Oxygen	6.58	mg/L	CAPA-20-188528
R-49 S2	905.6	10/28/2020	WG	Dissolved Oxygen	6.59	mg/L	CAPA-21-209027
R-49 S2	905.6	04/05/2018	WG	Flow (in gpm)	2.48	gpm	CAPA-18-151776
R-49 S2	905.6	11/02/2018	WG	Flow (in gpm)	2.46	gpm	CAPA-19-163603

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-49 S2	905.6	04/22/2019	WG	Flow (in gpm)	2.34	gpm	CAPA-19-171659
R-49 S2	905.6	10/29/2019	WG	Flow (in gpm)	2.29	gpm	CAPA-20-188528
R-49 S2	905.6	10/28/2020	WG	Flow (in gpm)	2.5	gpm	CAPA-21-209027
R-49 S2	905.6	04/05/2018	WG	Oxidation-Reduction Potential	157.4	mV	CAPA-18-151776
R-49 S2	905.6	11/02/2018	WG	Oxidation-Reduction Potential	318.5	mV	CAPA-19-163603
R-49 S2	905.6	04/22/2019	WG	Oxidation-Reduction Potential	141.5	mV	CAPA-19-171659
R-49 S2	905.6	10/29/2019	WG	Oxidation-Reduction Potential	219.1	mV	CAPA-20-188528
R-49 S2	905.6	10/28/2020	WG	Oxidation-Reduction Potential	143.3	mV	CAPA-21-209027
R-49 S2	905.6	04/05/2018	WG	pH	7.86	SU	CAPA-18-151776
R-49 S2	905.6	11/02/2018	WG	pH	8.06	SU	CAPA-19-163603
R-49 S2	905.6	04/22/2019	WG	pH	8.01	SU	CAPA-19-171659
R-49 S2	905.6	10/29/2019	WG	pH	7.91	SU	CAPA-20-188528
R-49 S2	905.6	10/28/2020	WG	pH	7.88	SU	CAPA-21-209027
R-49 S2	905.6	04/05/2018	WG	Specific Conductance	139.8	µS/cm	CAPA-18-151776
R-49 S2	905.6	11/02/2018	WG	Specific Conductance	141.5	µS/cm	CAPA-19-163603
R-49 S2	905.6	04/22/2019	WG	Specific Conductance	197.3	µS/cm	CAPA-19-171659
R-49 S2	905.6	10/29/2019	WG	Specific Conductance	140.3	µS/cm	CAPA-20-188528
R-49 S2	905.6	10/28/2020	WG	Specific Conductance	141.6	µS/cm	CAPA-21-209027
R-49 S2	905.6	04/05/2018	WG	Temperature	22.2	deg C	CAPA-18-151776
R-49 S2	905.6	11/02/2018	WG	Temperature	21.5	deg C	CAPA-19-163603
R-49 S2	905.6	04/22/2019	WG	Temperature	22.2	deg C	CAPA-19-171659
R-49 S2	905.6	10/29/2019	WG	Temperature	21.7	deg C	CAPA-20-188528
R-49 S2	905.6	10/28/2020	WG	Temperature	21.3	deg C	CAPA-21-209027
R-49 S2	905.6	04/05/2018	WG	Turbidity	0.2	NTU	CAPA-18-151776
R-49 S2	905.6	11/02/2018	WG	Turbidity	0.81	NTU	CAPA-19-163603
R-49 S2	905.6	04/22/2019	WG	Turbidity	0.61	NTU	CAPA-19-171659
R-49 S2	905.6	10/29/2019	WG	Turbidity	0.36	NTU	CAPA-20-188528
R-49 S2	905.6	10/28/2020	WG	Turbidity	0.5	NTU	CAPA-21-209027
R-51 S1	915.0	10/18/2017	WG	Dissolved Oxygen	7.22	mg/L	CAPA-18-147588

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-51 S1	915.0	04/05/2018	WG	Dissolved Oxygen	7.21	mg/L	CAPA-18-151777
R-51 S1	915.0	04/19/2019	WG	Dissolved Oxygen	7.33	mg/L	CAPA-19-171661
R-51 S1	915.0	10/29/2019	WG	Dissolved Oxygen	7.48	mg/L	CAPA-20-188531
R-51 S1	915.0	10/29/2020	WG	Dissolved Oxygen	7.29	mg/L	CAPA-21-209030
R-51 S1	915.0	10/18/2017	WG	Flow (in gpm)	3.80	gpm	CAPA-18-147589
R-51 S1	915.0	04/05/2018	WG	Flow (in gpm)	3.8	gpm	CAPA-18-151777
R-51 S1	915.0	04/19/2019	WG	Flow (in gpm)	3.85	gpm	CAPA-19-171661
R-51 S1	915.0	10/29/2019	WG	Flow (in gpm)	3.8	gpm	CAPA-20-188531
R-51 S1	915.0	10/29/2020	WG	Flow (in gpm)	3.75	gpm	CAPA-21-209030
R-51 S1	915.0	10/18/2017	WG	Oxidation-Reduction Potential	194.9	mV	CAPA-18-147588
R-51 S1	915.0	04/05/2018	WG	Oxidation-Reduction Potential	122.5	mV	CAPA-18-151777
R-51 S1	915.0	04/19/2019	WG	Oxidation-Reduction Potential	163	mV	CAPA-19-171661
R-51 S1	915.0	10/29/2019	WG	Oxidation-Reduction Potential	173.2	mV	CAPA-20-188531
R-51 S1	915.0	10/29/2020	WG	Oxidation-Reduction Potential	148	mV	CAPA-21-209030
R-51 S1	915.0	10/18/2017	WG	pH	7.93	SU	CAPA-18-147588
R-51 S1	915.0	04/05/2018	WG	pH	7.9	SU	CAPA-18-151777
R-51 S1	915.0	04/19/2019	WG	pH	7.98	SU	CAPA-19-171661
R-51 S1	915.0	10/29/2019	WG	pH	8.14	SU	CAPA-20-188531
R-51 S1	915.0	10/29/2020	WG	pH	7.84	SU	CAPA-21-209030
R-51 S1	915.0	10/18/2017	WG	Specific Conductance	118.8	µS/cm	CAPA-18-147588
R-51 S1	915.0	04/05/2018	WG	Specific Conductance	119.5	µS/cm	CAPA-18-151777
R-51 S1	915.0	04/19/2019	WG	Specific Conductance	120	µS/cm	CAPA-19-171661
R-51 S1	915.0	10/29/2019	WG	Specific Conductance	121	µS/cm	CAPA-20-188531
R-51 S1	915.0	10/29/2020	WG	Specific Conductance	118.8	µS/cm	CAPA-21-209030
R-51 S1	915.0	10/18/2017	WG	Temperature	20.8	deg C	CAPA-18-147588
R-51 S1	915.0	04/05/2018	WG	Temperature	21	deg C	CAPA-18-151777
R-51 S1	915.0	04/19/2019	WG	Temperature	20.7	deg C	CAPA-19-171661
R-51 S1	915.0	10/29/2019	WG	Temperature	19.2	deg C	CAPA-20-188531
R-51 S1	915.0	10/29/2020	WG	Temperature	20.2	deg C	CAPA-21-209030

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-51 S1	915.0	10/18/2017	WG	Turbidity	0.53	NTU	CAPA-18-147588
R-51 S1	915.0	04/05/2018	WG	Turbidity	0.53	NTU	CAPA-18-151777
R-51 S1	915.0	04/19/2019	WG	Turbidity	3.52	NTU	CAPA-19-171661
R-51 S1	915.0	10/29/2019	WG	Turbidity	0.72	NTU	CAPA-20-188531
R-51 S1	915.0	10/29/2020	WG	Turbidity	0.98	NTU	CAPA-21-209030
R-51 S2	1030.96	10/18/2017	WG	Dissolved Oxygen	6.35	mg/L	CAPA-18-147589
R-51 S2	1030.96	04/05/2018	WG	Dissolved Oxygen	6.24	mg/L	CAPA-18-151778
R-51 S2	1030.96	11/02/2018	WG	Dissolved Oxygen	6.39	mg/L	—[e]
R-51 S2	1030.96	04/19/2019	WG	Dissolved Oxygen	6.4	mg/L	CAPA-19-171664
R-51 S2	1030.96	10/29/2019	WG	Dissolved Oxygen	6.56	mg/L	CAPA-20-188533
R-51 S2	1030.96	10/29/2020	WG	Dissolved Oxygen	6.55	mg/L	CAPA-21-209033
R-51 S2	1030.96	10/18/2017	WG	Flow (in gpm)	7.35	gpm	CAPA-18-147590
R-51 S2	1030.96	04/05/2018	WG	Flow (in gpm)	3.8	gpm	CAPA-18-151779
R-51 S2	1030.96	11/02/2018	WG	Flow (in gpm)	3.89	gpm	—
R-51 S2	1030.96	04/19/2019	WG	Flow (in gpm)	3.85	gpm	CAPA-19-171664
R-51 S2	1030.96	10/29/2019	WG	Flow (in gpm)	3.8	gpm	CAPA-20-188533
R-51 S2	1030.96	10/29/2020	WG	Flow (in gpm)	3.75	gpm	CAPA-21-209033
R-51 S2	1030.96	10/18/2017	WG	Oxidation-Reduction Potential	187.3	mV	CAPA-18-147589
R-51 S2	1030.96	04/05/2018	WG	Oxidation-Reduction Potential	141.1	mV	CAPA-18-151778
R-51 S2	1030.96	11/02/2018	WG	Oxidation-Reduction Potential	259.9	mV	---
R-51 S2	1030.96	04/19/2019	WG	Oxidation-Reduction Potential	169.8	mV	CAPA-19-171664
R-51 S2	1030.96	10/29/2019	WG	Oxidation-Reduction Potential	195.6	mV	CAPA-20-188533
R-51 S2	1030.96	10/29/2020	WG	Oxidation-Reduction Potential	165.8	mV	CAPA-21-209033
R-51 S2	1030.96	10/18/2017	WG	pH	8.09	SU	CAPA-18-147589
R-51 S2	1030.96	04/05/2018	WG	pH	8.06	SU	CAPA-18-151778
R-51 S2	1030.96	11/02/2018	WG	pH	8.05	SU	—
R-51 S2	1030.96	04/19/2019	WG	pH	8.13	SU	CAPA-19-171664
R-51 S2	1030.96	10/29/2019	WG	pH	8.27	SU	CAPA-20-188533
R-51 S2	1030.96	10/29/2020	WG	pH	7.97	SU	CAPA-21-209033

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-51 S2	1030.96	10/18/2017	WG	Specific Conductance	121.2	µS/cm	CAPA-18-147589
R-51 S2	1030.96	04/05/2018	WG	Specific Conductance	121.7	µS/cm	CAPA-18-151778
R-51 S2	1030.96	11/02/2018	WG	Specific Conductance	122.7	µS/cm	—
R-51 S2	1030.96	04/19/2019	WG	Specific Conductance	122.5	µS/cm	CAPA-19-171664
R-51 S2	1030.96	10/29/2019	WG	Specific Conductance	123.3	µS/cm	CAPA-20-188533
R-51 S2	1030.96	10/29/2020	WG	Specific Conductance	121.6	µS/cm	CAPA-21-209033
R-51 S2	1030.96	10/18/2017	WG	Temperature	21.4	deg C	CAPA-18-147589
R-51 S2	1030.96	04/05/2018	WG	Temperature	21.6	deg C	CAPA-18-151778
R-51 S2	1030.96	11/02/2018	WG	Temperature	21.5	deg C	—
R-51 S2	1030.96	04/19/2019	WG	Temperature	21.7	deg C	CAPA-19-171664
R-51 S2	1030.96	10/29/2019	WG	Temperature	20	deg C	CAPA-20-188533
R-51 S2	1030.96	10/29/2020	WG	Temperature	20.4	deg C	CAPA-21-209033
R-51 S2	1030.96	10/18/2017	WG	Turbidity	0.26	NTU	CAPA-18-147589
R-51 S2	1030.96	04/05/2018	WG	Turbidity	0.2	NTU	CAPA-18-151778
R-51 S2	1030.96	11/02/2018	WG	Turbidity	0.31	NTU	—
R-51 S2	1030.96	04/19/2019	WG	Turbidity	0.37	NTU	CAPA-19-171664
R-51 S2	1030.96	10/29/2019	WG	Turbidity	0.38	NTU	CAPA-20-188533
R-51 S2	1030.96	10/29/2020	WG	Turbidity	0.46	NTU	CAPA-21-209033
R-52 S1	1035.2	04/04/2018	WG	Dissolved Oxygen	6.6	mg/L	CAPA-18-151779
R-52 S1	1035.2	10/17/2018	WG	Dissolved Oxygen	6.91	mg/L	CAPA-19-163631
R-52 S1	1035.2	04/09/2019	WG	Dissolved Oxygen	6.81	mg/L	CAPA-19-171666
R-52 S1	1035.2	10/16/2019	WG	Dissolved Oxygen	6.96	mg/L	CAPA-20-188538
R-52 S1	1035.2	10/14/2020	WG	Dissolved Oxygen	7.02	mg/L	CAPA-21-209038
R-52 S1	1035.2	04/04/2018	WG	Flow (in gpm)	3.22	gpm	CAPA-18-151779
R-52 S1	1035.2	10/17/2018	WG	Flow (in gpm)	3.03	gpm	CAPA-19-163631
R-52 S1	1035.2	04/09/2019	WG	Flow (in gpm)	3.16	gpm	CAPA-19-171666
R-52 S1	1035.2	10/16/2019	WG	Flow (in gpm)	3.19	gpm	CAPA-20-188538
R-52 S1	1035.2	10/14/2020	WG	Flow (in gpm)	2.94	gpm	CAPA-21-209038
R-52 S1	1035.2	04/04/2018	WG	Oxidation-Reduction Potential	179.5	mV	CAPA-18-151779

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-52 S1	1035.2	10/17/2018	WG	Oxidation-Reduction Potential	280.3	mV	CAPA-19-163631
R-52 S1	1035.2	04/09/2019	WG	Oxidation-Reduction Potential	140.9	mV	CAPA-19-171666
R-52 S1	1035.2	10/16/2019	WG	Oxidation-Reduction Potential	199.5	mV	CAPA-20-188538
R-52 S1	1035.2	10/14/2020	WG	Oxidation-Reduction Potential	117.6	mV	CAPA-21-209038
R-52 S1	1035.2	04/04/2018	WG	pH	8.27	SU	CAPA-18-151779
R-52 S1	1035.2	10/17/2018	WG	pH	7.78	SU	CAPA-19-163631
R-52 S1	1035.2	04/09/2019	WG	pH	8.4	SU	CAPA-19-171666
R-52 S1	1035.2	10/16/2019	WG	pH	8.1	SU	CAPA-20-188538
R-52 S1	1035.2	10/14/2020	WG	pH	7.78	SU	CAPA-21-209038
R-52 S1	1035.2	04/04/2018	WG	Specific Conductance	143.9	µS/cm	CAPA-18-151779
R-52 S1	1035.2	10/17/2018	WG	Specific Conductance	142.2	µS/cm	CAPA-19-163631
R-52 S1	1035.2	04/09/2019	WG	Specific Conductance	144.2	µS/cm	CAPA-19-171666
R-52 S1	1035.2	10/16/2019	WG	Specific Conductance	142.2	µS/cm	CAPA-20-188538
R-52 S1	1035.2	10/14/2020	WG	Specific Conductance	142.2	µS/cm	CAPA-21-209038
R-52 S1	1035.2	04/04/2018	WG	Temperature	21.3	deg C	CAPA-18-151779
R-52 S1	1035.2	10/17/2018	WG	Temperature	19.3	deg C	CAPA-19-163631
R-52 S1	1035.2	04/09/2019	WG	Temperature	21.3	deg C	CAPA-19-171666
R-52 S1	1035.2	10/16/2019	WG	Temperature	21.1	deg C	CAPA-20-188538
R-52 S1	1035.2	10/14/2020	WG	Temperature	20.6	deg C	CAPA-21-209038
R-52 S1	1035.2	04/04/2018	WG	Turbidity	0.16	NTU	CAPA-18-151779
R-52 S1	1035.2	10/17/2018	WG	Turbidity	1.64	NTU	CAPA-19-163631
R-52 S1	1035.2	04/09/2019	WG	Turbidity	0.49	NTU	CAPA-19-171666
R-52 S1	1035.2	10/16/2019	WG	Turbidity	0.27	NTU	CAPA-20-188538
R-52 S1	1035.2	10/14/2020	WG	Turbidity	2.03	NTU	CAPA-21-209038
R-52 S2	1107.0	04/04/2018	WG	Dissolved Oxygen	6.62	mg/L	CAPA-18-151780
R-52 S2	1107.0	10/17/2018	WG	Dissolved Oxygen	6.71	mg/L	CAPA-19-163634
R-52 S2	1107.0	04/09/2019	WG	Dissolved Oxygen	6.8	mg/L	CAPA-19-171669
R-52 S2	1107.0	10/16/2019	WG	Dissolved Oxygen	6.7	mg/L	CAPA-20-188540
R-52 S2	1107.0	10/14/2020	WG	Dissolved Oxygen	6.65	mg/L	CAPA-21-209041

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-52 S2	1107.0	04/04/2018	WG	Flow (in gpm)	3.12	gpm	CAPA-18-151780
R-52 S2	1107.0	10/17/2018	WG	Flow (in gpm)	3.26	gpm	CAPA-19-163634
R-52 S2	1107.0	04/09/2019	WG	Flow (in gpm)	3.26	gpm	CAPA-19-171669
R-52 S2	1107.0	10/16/2019	WG	Flow (in gpm)	3.23	gpm	CAPA-20-188540
R-52 S2	1107.0	10/14/2020	WG	Flow (in gpm)	3.26	gpm	CAPA-21-209041
R-52 S2	1107.0	04/04/2018	WG	Oxidation-Reduction Potential	212.7	mV	CAPA-18-151780
R-52 S2	1107.0	10/17/2018	WG	Oxidation-Reduction Potential	292.4	mV	CAPA-19-163634
R-52 S2	1107.0	04/09/2019	WG	Oxidation-Reduction Potential	169.6	mV	CAPA-19-171669
R-52 S2	1107.0	10/16/2019	WG	Oxidation-Reduction Potential	244.9	mV	CAPA-20-188540
R-52 S2	1107.0	10/14/2020	WG	Oxidation-Reduction Potential	133.7	mV	CAPA-21-209041
R-52 S2	1107.0	04/04/2018	WG	pH	7.81	SU	CAPA-18-151780
R-52 S2	1107.0	10/17/2018	WG	pH	7.83	SU	CAPA-19-163634
R-52 S2	1107.0	04/09/2019	WG	pH	7.93	SU	CAPA-19-171669
R-52 S2	1107.0	10/16/2019	WG	pH	7.71	SU	CAPA-20-188540
R-52 S2	1107.0	10/14/2020	WG	pH	7.95	SU	CAPA-21-209041
R-52 S2	1107.0	04/04/2018	WG	Specific Conductance	124.4	µS/cm	CAPA-18-151780
R-52 S2	1107.0	10/17/2018	WG	Specific Conductance	124.2	µS/cm	CAPA-19-163634
R-52 S2	1107.0	04/09/2019	WG	Specific Conductance	124.7	µS/cm	CAPA-19-171669
R-52 S2	1107.0	10/16/2019	WG	Specific Conductance	124.3	µS/cm	CAPA-20-188540
R-52 S2	1107.0	10/14/2020	WG	Specific Conductance	124.3	µS/cm	CAPA-21-209041
R-52 S2	1107.0	04/04/2018	WG	Temperature	21.4	deg C	CAPA-18-151780
R-52 S2	1107.0	10/17/2018	WG	Temperature	20.7	deg C	CAPA-19-163634
R-52 S2	1107.0	04/09/2019	WG	Temperature	21.7	deg C	CAPA-19-171669
R-52 S2	1107.0	10/16/2019	WG	Temperature	21.9	deg C	CAPA-20-188540
R-52 S2	1107.0	10/14/2020	WG	Temperature	22.1	deg C	CAPA-21-209041
R-52 S2	1107.0	04/04/2018	WG	Turbidity	0.14	NTU	CAPA-18-151780
R-52 S2	1107.0	10/17/2018	WG	Turbidity	0.46	NTU	CAPA-19-163634
R-52 S2	1107.0	04/09/2019	WG	Turbidity	0.17	NTU	CAPA-19-171669
R-52 S2	1107.0	10/16/2019	WG	Turbidity	0.21	NTU	CAPA-20-188540

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-52 S2	1107.0	10/14/2020	WG	Turbidity	0.59	NTU	CAPA-21-209041
R-53 S1	849.2	04/12/2018	WG	Dissolved Oxygen	6.29	mg/L	CAPA-18-151781
R-53 S1	849.2	10/26/2018	WG	Dissolved Oxygen	6.14	mg/L	CAPA-19-163638
R-53 S1	849.2	04/25/2019	WG	Dissolved Oxygen	6.33	mg/L	CAPA-19-171671
R-53 S1	849.2	10/25/2019	WG	Dissolved Oxygen	6.44	mg/L	CAPA-20-188545
R-53 S1	849.2	10/23/2020	WG	Dissolved Oxygen	6.44	mg/L	CAPA-21-209045
R-53 S1	849.2	04/12/2018	WG	Flow (in gpm)	3.84	gpm	CAPA-18-151781
R-53 S1	849.2	10/26/2018	WG	Flow (in gpm)	3.85	gpm	CAPA-19-163638
R-53 S1	849.2	04/25/2019	WG	Flow (in gpm)	4.05	gpm	CAPA-19-171671
R-53 S1	849.2	10/25/2019	WG	Flow (in gpm)	3.85	gpm	CAPA-20-188545
R-53 S1	849.2	10/23/2020	WG	Flow (in gpm)	3.9	gpm	CAPA-21-209045
R-53 S1	849.2	04/12/2018	WG	Oxidation-Reduction Potential	130.2	mV	CAPA-18-151781
R-53 S1	849.2	10/26/2018	WG	Oxidation-Reduction Potential	278.1	mV	CAPA-19-163638
R-53 S1	849.2	04/25/2019	WG	Oxidation-Reduction Potential	142	mV	CAPA-19-171671
R-53 S1	849.2	10/25/2019	WG	Oxidation-Reduction Potential	152.6	mV	CAPA-20-188545
R-53 S1	849.2	10/23/2020	WG	Oxidation-Reduction Potential	55.5	mV	CAPA-21-209045
R-53 S1	849.2	04/12/2018	WG	pH	7.99	SU	CAPA-18-151781
R-53 S1	849.2	10/26/2018	WG	pH	8.1	SU	CAPA-19-163638
R-53 S1	849.2	04/25/2019	WG	pH	8.02	SU	CAPA-19-171671
R-53 S1	849.2	10/25/2019	WG	pH	8.07	SU	CAPA-20-188545
R-53 S1	849.2	10/23/2020	WG	pH	7.94	SU	CAPA-21-209045
R-53 S1	849.2	04/12/2018	WG	Specific Conductance	125.1	µS/cm	CAPA-18-151781
R-53 S1	849.2	10/26/2018	WG	Specific Conductance	123.5	µS/cm	CAPA-19-163638
R-53 S1	849.2	04/25/2019	WG	Specific Conductance	125.4	µS/cm	CAPA-19-171671
R-53 S1	849.2	10/25/2019	WG	Specific Conductance	122.9	µS/cm	CAPA-20-188545
R-53 S1	849.2	10/23/2020	WG	Specific Conductance	122.6	µS/cm	CAPA-21-209045
R-53 S1	849.2	04/12/2018	WG	Temperature	21.6	deg C	CAPA-18-151781
R-53 S1	849.2	10/26/2018	WG	Temperature	21.8	deg C	CAPA-19-163638
R-53 S1	849.2	04/25/2019	WG	Temperature	21.6	deg C	CAPA-19-171671

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-53 S1	849.2	10/25/2019	WG	Temperature	19.9	deg C	CAPA-20-188545
R-53 S1	849.2	10/23/2020	WG	Temperature	21.1	deg C	CAPA-21-209045
R-53 S1	849.2	04/12/2018	WG	Turbidity	0.21	NTU	CAPA-18-151781
R-53 S1	849.2	10/26/2018	WG	Turbidity	0.3	NTU	CAPA-19-163638
R-53 S1	849.2	04/25/2019	WG	Turbidity	1.4	NTU	CAPA-19-171671
R-53 S1	849.2	10/25/2019	WG	Turbidity	0.75	NTU	CAPA-20-188545
R-53 S1	849.2	10/23/2020	WG	Turbidity	2.73	NTU	CAPA-21-209045
R-53 S2	959.7	04/12/2018	WG	Dissolved Oxygen	6.39	mg/L	CAPA-18-151782
R-53 S2	959.7	10/26/2018	WG	Dissolved Oxygen	6.14	mg/L	CAPA-19-163641
R-53 S2	959.7	04/25/2019	WG	Dissolved Oxygen	6.38	mg/L	CAPA-19-171673
R-53 S2	959.7	10/25/2019	WG	Dissolved Oxygen	6.45	mg/L	CAPA-20-188550
R-53 S2	959.7	10/23/2020	WG	Dissolved Oxygen	6.56	mg/L	CAPA-21-209048
R-53 S2	959.7	10/26/2018	WG	Flow (in gpm)	3.85	gpm	CAPA-19-163641
R-53 S2	959.7	04/25/2019	WG	Flow (in gpm)	3.84	gpm	CAPA-19-171673
R-53 S2	959.7	10/25/2019	WG	Flow (in gpm)	3.85	gpm	CAPA-20-188550
R-53 S2	959.7	10/23/2020	WG	Flow (in gpm)	3.9	gpm	CAPA-21-209048
R-53 S2	959.7	04/12/2018	WG	Oxidation-Reduction Potential	162.2	mV	CAPA-18-151782
R-53 S2	959.7	10/26/2018	WG	Oxidation-Reduction Potential	278.1	mV	CAPA-19-163641
R-53 S2	959.7	04/25/2019	WG	Oxidation-Reduction Potential	159.9	mV	CAPA-19-171673
R-53 S2	959.7	10/25/2019	WG	Oxidation-Reduction Potential	202.8	mV	CAPA-20-188550
R-53 S2	959.7	10/23/2020	WG	Oxidation-Reduction Potential	64.2	mV	CAPA-21-209048
R-53 S2	959.7	04/12/2018	WG	pH	8.09	SU	CAPA-18-151782
R-53 S2	959.7	10/26/2018	WG	pH	8.1	SU	CAPA-19-163641
R-53 S2	959.7	04/25/2019	WG	pH	8.17	SU	CAPA-19-171673
R-53 S2	959.7	10/25/2019	WG	pH	8.16	SU	CAPA-20-188550
R-53 S2	959.7	10/23/2020	WG	pH	7.98	SU	CAPA-21-209048
R-53 S2	959.7	04/12/2018	WG	Specific Conductance	122.3	µS/cm	CAPA-18-151782
R-53 S2	959.7	10/26/2018	WG	Specific Conductance	123.5	µS/cm	CAPA-19-163641
R-53 S2	959.7	04/25/2019	WG	Specific Conductance	122.7	µS/cm	CAPA-19-171673

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-53 S2	959.7	10/25/2019	WG	Specific Conductance	120.6	µS/cm	CAPA-20-188550
R-53 S2	959.7	10/23/2020	WG	Specific Conductance	118.9	µS/cm	CAPA-21-209048
R-53 S2	959.7	04/12/2018	WG	Temperature	22	deg C	CAPA-18-151782
R-53 S2	959.7	10/26/2018	WG	Temperature	21.8	deg C	CAPA-19-163641
R-53 S2	959.7	04/25/2019	WG	Temperature	21.7	deg C	CAPA-19-171673
R-53 S2	959.7	10/25/2019	WG	Temperature	21.7	deg C	CAPA-20-188550
R-53 S2	959.7	10/23/2020	WG	Temperature	21.6	deg C	CAPA-21-209048
R-53 S2	959.7	04/12/2018	WG	Turbidity	0.15	NTU	CAPA-18-151782
R-53 S2	959.7	10/26/2018	WG	Turbidity	0.3	NTU	CAPA-19-163641
R-53 S2	959.7	04/25/2019	WG	Turbidity	0.21	NTU	CAPA-19-171673
R-53 S2	959.7	10/25/2019	WG	Turbidity	0.42	NTU	CAPA-20-188550
R-53 S2	959.7	10/23/2020	WG	Turbidity	0.43	NTU	CAPA-21-209048
R-54 S1	830.0	10/23/2017	WG	Dissolved Oxygen	0.92	mg/L	CAPA-18-147594
R-54 S1	830.0	04/09/2018	WG	Dissolved Oxygen	0.8	mg/L	—
R-54 S1	830.0	10/22/2018	WG	Dissolved Oxygen	0.88	mg/L	CAPA-19-163643
R-54 S1	830.0	04/24/2019	WG	Dissolved Oxygen	0.82	mg/L	CAPA-19-171676
R-54 S1	830.0	10/21/2019	WG	Dissolved Oxygen	0.93	mg/L	CAPA-20-188851
R-54 S1	830.0	10/19/2020	WG	Dissolved Oxygen	1.16	mg/L	CAPA-21-209052
R-54 S1	830.0	10/23/2017	WG	Flow (in gpm)	3.06	gpm	CAPA-18-147594
R-54 S1	830.0	04/09/2018	WG	Flow (in gpm)	3.1	gpm	---
R-54 S1	830.0	10/22/2018	WG	Flow (in gpm)	3	gpm	CAPA-19-163643
R-54 S1	830.0	04/24/2019	WG	Flow (in gpm)	3.09	gpm	CAPA-19-171676
R-54 S1	830.0	10/21/2019	WG	Flow (in gpm)	2.97	gpm	CAPA-20-188851
R-54 S1	830.0	10/19/2020	WG	Flow (in gpm)	3.06	gpm	CAPA-21-209052
R-54 S1	830.0	10/23/2017	WG	Oxidation-Reduction Potential	-84.4	mV	CAPA-18-147594
R-54 S1	830.0	04/09/2018	WG	Oxidation-Reduction Potential	-93.9	mV	—
R-54 S1	830.0	10/22/2018	WG	Oxidation-Reduction Potential	-78.7	mV	CAPA-19-163643
R-54 S1	830.0	04/24/2019	WG	Oxidation-Reduction Potential	-88.8	mV	CAPA-19-171676
R-54 S1	830.0	10/21/2019	WG	Oxidation-Reduction Potential	-80.2	mV	CAPA-20-188851

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-54 S1	830.0	10/19/2020	WG	Oxidation-Reduction Potential	-78.7	mV	CAPA-21-209052
R-54 S1	830.0	10/23/2017	WG	pH	6.83	SU	CAPA-18-147594
R-54 S1	830.0	04/09/2018	WG	pH	6.9	SU	—
R-54 S1	830.0	10/22/2018	WG	pH	6.9	SU	CAPA-19-163643
R-54 S1	830.0	04/24/2019	WG	pH	7.06	SU	CAPA-19-171676
R-54 S1	830.0	10/21/2019	WG	pH	6.92	SU	CAPA-20-188851
R-54 S1	830.0	10/19/2020	WG	pH	7.11	SU	CAPA-21-209052
R-54 S1	830.0	10/23/2017	WG	Specific Conductance	138.9	µS/cm	CAPA-18-147594
R-54 S1	830.0	04/09/2018	WG	Specific Conductance	135.8	µS/cm	—
R-54 S1	830.0	10/22/2018	WG	Specific Conductance	134.8	µS/cm	CAPA-19-163643
R-54 S1	830.0	04/24/2019	WG	Specific Conductance	132.9	µS/cm	CAPA-19-171676
R-54 S1	830.0	10/21/2019	WG	Specific Conductance	127.2	µS/cm	CAPA-20-188851
R-54 S1	830.0	10/19/2020	WG	Specific Conductance	129.8	µS/cm	CAPA-21-209052
R-54 S1	830.0	10/23/2017	WG	Temperature	19.8	deg C	CAPA-18-147594
R-54 S1	830.0	04/09/2018	WG	Temperature	20.8	deg C	—
R-54 S1	830.0	10/22/2018	WG	Temperature	20.6	deg C	CAPA-19-163643
R-54 S1	830.0	04/24/2019	WG	Temperature	20.7	deg C	CAPA-19-171676
R-54 S1	830.0	10/21/2019	WG	Temperature	20.5	deg C	CAPA-20-188851
R-54 S1	830.0	10/19/2020	WG	Temperature	21	deg C	CAPA-21-209052
R-54 S1	830.0	10/23/2017	WG	Turbidity	0.8	NTU	CAPA-18-147594
R-54 S1	830.0	04/09/2018	WG	Turbidity	0.63*	NTU	—
R-54 S1	830.0	10/22/2018	WG	Turbidity	0.47	NTU	CAPA-19-163643
R-54 S1	830.0	04/24/2019	WG	Turbidity	2.81	NTU	CAPA-19-171676
R-54 S1	830.0	10/21/2019	WG	Turbidity	0.35	NTU	CAPA-20-188851
R-54 S1	830.0	10/19/2020	WG	Turbidity	0.82	NTU	CAPA-21-209052
R-54 S2	915.0	10/23/2017	WG	Dissolved Oxygen	6.52	mg/L	CAPA-18-147595
R-54 S2	915.0	04/09/2018	WG	Dissolved Oxygen	6.37	mg/L	CAPA-18-151784
R-54 S2	915.0	10/22/2018	WG	Dissolved Oxygen	6.38	mg/L	CAPA-19-163645
R-54 S2	915.0	04/24/2019	WG	Dissolved Oxygen	6.53	mg/L	CAPA-19-171677

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-54 S2	915.0	10/21/2019	WG	Dissolved Oxygen	6.57	mg/L	CAPA-20-188554
R-54 S2	915.0	10/19/2020	WG	Dissolved Oxygen	6.55	mg/L	CAPA-21-209054
R-54 S2	915.0	10/23/2017	WG	Flow (in gpm)	3.00	gpm	CAPA-18-147595
R-54 S2	915.0	04/09/2018	WG	Flow (in gpm)	3	gpm	CAPA-18-151784
R-54 S2	915.0	10/22/2018	WG	Flow (in gpm)	3.15	gpm	CAPA-19-163645
R-54 S2	915.0	04/24/2019	WG	Flow (in gpm)	2.88	gpm	CAPA-19-171677
R-54 S2	915.0	10/21/2019	WG	Flow (in gpm)	3.03	gpm	CAPA-20-188554
R-54 S2	915.0	10/19/2020	WG	Flow (in gpm)	3.09	gpm	CAPA-21-209054
R-54 S2	915.0	10/23/2017	WG	Oxidation-Reduction Potential	146.6	mV	CAPA-18-147595
R-54 S2	915.0	04/09/2018	WG	Oxidation-Reduction Potential	143	mV	CAPA-18-151784
R-54 S2	915.0	10/22/2018	WG	Oxidation-Reduction Potential	238.1	mV	CAPA-19-163645
R-54 S2	915.0	04/24/2019	WG	Oxidation-Reduction Potential	84	mV	CAPA-19-171677
R-54 S2	915.0	10/21/2019	WG	Oxidation-Reduction Potential	136.1	mV	CAPA-20-188554
R-54 S2	915.0	10/19/2020	WG	Oxidation-Reduction Potential	103.6	mV	CAPA-21-209054
R-54 S2	915.0	10/23/2017	WG	pH	8.03	SU	CAPA-18-147595
R-54 S2	915.0	04/09/2018	WG	pH	8.07	SU	CAPA-18-151784
R-54 S2	915.0	10/22/2018	WG	pH	8.08	SU	CAPA-19-163645
R-54 S2	915.0	04/24/2019	WG	pH	8.17	SU	CAPA-19-171677
R-54 S2	915.0	10/21/2019	WG	pH	8.02	SU	CAPA-20-188554
R-54 S2	915.0	10/19/2020	WG	pH	8.08	SU	CAPA-21-209054
R-54 S2	915.0	10/23/2017	WG	Specific Conductance	125.10	µS/cm	CAPA-18-147595
R-54 S2	915.0	10/22/2018	WG	Specific Conductance	124.1	µS/cm	CAPA-19-163645
R-54 S2	915.0	04/24/2019	WG	Specific Conductance	125.1	µS/cm	CAPA-19-171677
R-54 S2	915.0	10/21/2019	WG	Specific Conductance	123.9	µS/cm	CAPA-20-188554
R-54 S2	915.0	10/19/2020	WG	Specific Conductance	124.7	µS/cm	CAPA-21-209054
R-54 S2	915.0	10/23/2017	WG	Temperature	21.50	deg C	CAPA-18-147595
R-54 S2	915.0	04/09/2018	WG	Temperature	21.3	deg C	CAPA-18-151784
R-54 S2	915.0	10/22/2018	WG	Temperature	21.2	deg C	CAPA-19-163645
R-54 S2	915.0	04/24/2019	WG	Temperature	21.4	deg C	CAPA-19-171677

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-54 S2	915.0	10/21/2019	WG	Temperature	20.4	deg C	CAPA-20-188554
R-54 S2	915.0	10/19/2020	WG	Temperature	21.8	deg C	CAPA-21-209054
R-54 S2	915.0	10/23/2017	WG	Turbidity	0.20*	NTU	CAPA-18-147595
R-54 S2	915.0	04/09/2018	WG	Turbidity	0.23	NTU	CAPA-18-151784
R-54 S2	915.0	10/22/2018	WG	Turbidity	0.3	NTU	CAPA-19-163645
R-54 S2	915.0	04/24/2019	WG	Turbidity	0.25	NTU	CAPA-19-171677
R-54 S2	915.0	10/21/2019	WG	Turbidity	0.26	NTU	CAPA-20-188554
R-54 S2	915.0	10/19/2020	WG	Turbidity	2.6	NTU	CAPA-21-209054
R-55 S1	860.0	04/04/2018	WG	Dissolved Oxygen	6.25	mg/L	CAMO-18-152701
R-55 S1	860.0	10/17/2018	WG	Dissolved Oxygen	6.38	mg/L	CAMO-19-163680
R-55 S1	860.0	04/23/2019	WG	Dissolved Oxygen	6.34	mg/L	CAMO-19-171745
R-55 S1	860.0	10/16/2019	WG	Dissolved Oxygen	6.35	mg/L	CAMO-20-188474
R-55 S1	860.0	10/14/2020	WG	Dissolved Oxygen	6.27	mg/L	CAMO-21-209059
R-55 S1	860.0	04/04/2018	WG	Flow (in gpm)	2.94	gpm	CAMO-18-152701
R-55 S1	860.0	10/17/2018	WG	Flow (in gpm)	2.94	gpm	CAMO-19-163680
R-55 S1	860.0	04/23/2019	WG	Flow (in gpm)	3.03	gpm	CAMO-19-171745
R-55 S1	860.0	10/16/2019	WG	Flow (in gpm)	2.91	gpm	CAMO-20-188474
R-55 S1	860.0	10/14/2020	WG	Flow (in gpm)	3	gpm	CAMO-21-209059
R-55 S1	860.0	04/04/2018	WG	Oxidation-Reduction Potential	168.3	mV	CAMO-18-152701
R-55 S1	860.0	10/17/2018	WG	Oxidation-Reduction Potential	290.6	mV	CAMO-19-163680
R-55 S1	860.0	04/23/2019	WG	Oxidation-Reduction Potential	165.4	mV	CAMO-19-171745
R-55 S1	860.0	10/16/2019	WG	Oxidation-Reduction Potential	218.7	mV	CAMO-20-188474
R-55 S1	860.0	10/14/2020	WG	Oxidation-Reduction Potential	69.1	mV	CAMO-21-209059
R-55 S1	860.0	04/04/2018	WG	pH	8.16	SU	CAMO-18-152701
R-55 S1	860.0	10/17/2018	WG	pH	8.22	SU	CAMO-19-163680
R-55 S1	860.0	04/23/2019	WG	pH	8.26	SU	CAMO-19-171745
R-55 S1	860.0	10/16/2019	WG	pH	8.23	SU	CAMO-20-188474
R-55 S1	860.0	10/14/2020	WG	pH	8.14	SU	CAMO-21-209059
R-55 S1	860.0	04/04/2018	WG	Specific Conductance	174.7	µS/cm	CAMO-18-152701

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-55 S1	860.0	10/17/2018	WG	Specific Conductance	176.6	µS/cm	CAMO-19-163680
R-55 S1	860.0	04/23/2019	WG	Specific Conductance	175.6	µS/cm	CAMO-19-171745
R-55 S1	860.0	10/16/2019	WG	Specific Conductance	176.3	µS/cm	CAMO-20-188474
R-55 S1	860.0	10/14/2020	WG	Specific Conductance	171.6	µS/cm	CAMO-21-209059
R-55 S1	860.0	04/04/2018	WG	Temperature	21.8	deg C	CAMO-18-152701
R-55 S1	860.0	10/17/2018	WG	Temperature	22	deg C	CAMO-19-163680
R-55 S1	860.0	04/23/2019	WG	Temperature	21.1	deg C	CAMO-19-171745
R-55 S1	860.0	10/16/2019	WG	Temperature	22.5	deg C	CAMO-20-188474
R-55 S1	860.0	10/14/2020	WG	Temperature	22.4	deg C	CAMO-21-209059
R-55 S1	860.0	04/04/2018	WG	Turbidity	0.13	NTU	CAMO-18-152701
R-55 S1	860.0	10/17/2018	WG	Turbidity	0.23	NTU	CAMO-19-163680
R-55 S1	860.0	04/23/2019	WG	Turbidity	0.36	NTU	CAMO-19-171745
R-55 S1	860.0	10/16/2019	WG	Turbidity	1.46	NTU	CAMO-20-188474
R-55 S1	860.0	10/14/2020	WG	Turbidity	0.31	NTU	CAMO-21-209059
R-55 S2	994.4	04/04/2018	WG	Dissolved Oxygen	5.79	mg/L	CAMO-18-152705
R-55 S2	994.4	10/17/2018	WG	Dissolved Oxygen	5.73	mg/L	CAMO-19-163684
R-55 S2	994.4	04/25/2019	WG	Dissolved Oxygen	5.87	mg/L	CAMO-19-171747
R-55 S2	994.4	10/16/2019	WG	Dissolved Oxygen	5.99	mg/L	CAMO-20-188481
R-55 S2	994.4	10/14/2020	WG	Dissolved Oxygen	5.89	mg/L	CAMO-21-209062
R-55 S2	994.4	04/04/2018	WG	Flow (in gpm)	2.78	gpm	CAMO-18-152705
R-55 S2	994.4	10/17/2018	WG	Flow (in gpm)	2.88	gpm	CAMO-19-163684
R-55 S2	994.4	04/25/2019	WG	Flow (in gpm)	2.65	gpm	CAMO-19-171747
R-55 S2	994.4	10/16/2019	WG	Flow (in gpm)	2.83	gpm	CAMO-20-188481
R-55 S2	994.4	10/14/2020	WG	Flow (in gpm)	2.88	gpm	CAMO-21-209062
R-55 S2	994.4	04/04/2018	WG	Oxidation-Reduction Potential	164.7	mV	CAMO-18-152705
R-55 S2	994.4	10/17/2018	WG	Oxidation-Reduction Potential	293.3	mV	CAMO-19-163684
R-55 S2	994.4	04/25/2019	WG	Oxidation-Reduction Potential	173.8	mV	CAMO-19-171747
R-55 S2	994.4	10/16/2019	WG	Oxidation-Reduction Potential	227.8	mV	CAMO-20-188481
R-55 S2	994.4	10/14/2020	WG	Oxidation-Reduction Potential	56.1	mV	CAMO-21-209062

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-55 S2	994.4	04/04/2018	WG	pH	8.33	SU	CAMO-18-152705
R-55 S2	994.4	10/17/2018	WG	pH	8.45	SU	CAMO-19-163684
R-55 S2	994.4	04/25/2019	WG	pH	8.39	SU	CAMO-19-171747
R-55 S2	994.4	10/16/2019	WG	pH	8.43	SU	CAMO-20-188481
R-55 S2	994.4	10/14/2020	WG	pH	8.26	SU	CAMO-21-209062
R-55 S2	994.4	04/04/2018	WG	Specific Conductance	173.7	µS/cm	CAMO-18-152705
R-55 S2	994.4	10/17/2018	WG	Specific Conductance	175.7	µS/cm	CAMO-19-163684
R-55 S2	994.4	04/25/2019	WG	Specific Conductance	175.4	µS/cm	CAMO-19-171747
R-55 S2	994.4	10/16/2019	WG	Specific Conductance	175.3	µS/cm	CAMO-20-188481
R-55 S2	994.4	10/14/2020	WG	Specific Conductance	170.6	µS/cm	CAMO-21-209062
R-55 S2	994.4	04/04/2018	WG	Temperature	22.3	deg C	CAMO-18-152705
R-55 S2	994.4	10/17/2018	WG	Temperature	22.3	deg C	CAMO-19-163684
R-55 S2	994.4	04/25/2019	WG	Temperature	22.7	deg C	CAMO-19-171747
R-55 S2	994.4	10/16/2019	WG	Temperature	22.8	deg C	CAMO-20-188481
R-55 S2	994.4	10/14/2020	WG	Temperature	22.8	deg C	CAMO-21-209062
R-55 S2	994.4	04/04/2018	WG	Turbidity	0.09	NTU	CAMO-18-152705
R-55 S2	994.4	10/17/2018	WG	Turbidity	0.24	NTU	CAMO-19-163684
R-55 S2	994.4	04/25/2019	WG	Turbidity	0.45	NTU	CAMO-19-171747
R-55 S2	994.4	10/16/2019	WG	Turbidity	0.52	NTU	CAMO-20-188481
R-55 S2	994.4	10/14/2020	WG	Turbidity	0.27	NTU	CAMO-21-209062
R-56 S1	945.0	04/11/2018	WG	Dissolved Oxygen	6.64	mg/L	CAPA-18-151787
R-56 S1	945.0	10/25/2018	WG	Dissolved Oxygen	6.5	mg/L	CAPA-19-163647
R-56 S1	945.0	04/18/2019	WG	Dissolved Oxygen	6.6	mg/L	CAPA-19-171679
R-56 S1	945.0	10/24/2019	WG	Dissolved Oxygen	6.72	mg/L	CAPA-20-188557
R-56 S1	945.0	10/22/2020	WG	Dissolved Oxygen	6.54	mg/L	CAPA-21-209068
R-56 S1	945.0	04/11/2018	WG	Flow (in gpm)	4.29	gpm	CAPA-18-151787
R-56 S1	945.0	10/25/2018	WG	Flow (in gpm)	4.22	gpm	CAPA-19-163647
R-56 S1	945.0	04/18/2019	WG	Flow (in gpm)	4.23	gpm	CAPA-19-171679
R-56 S1	945.0	10/24/2019	WG	Flow (in gpm)	4.29	gpm	CAPA-20-188557

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-56 S1	945.0	10/22/2020	WG	Flow (in gpm)	4.35	gpm	CAPA-21-209068
R-56 S1	945.0	04/11/2018	WG	Oxidation-Reduction Potential	149.7	mV	CAPA-18-151787
R-56 S1	945.0	10/25/2018	WG	Oxidation-Reduction Potential	233.9	mV	CAPA-19-163647
R-56 S1	945.0	04/18/2019	WG	Oxidation-Reduction Potential	188	mV	CAPA-19-171679
R-56 S1	945.0	10/24/2019	WG	Oxidation-Reduction Potential	155.1	mV	CAPA-20-188557
R-56 S1	945.0	10/22/2020	WG	Oxidation-Reduction Potential	83.2	mV	CAPA-21-209068
R-56 S1	945.0	04/11/2018	WG	pH	8.04	SU	CAPA-18-151787
R-56 S1	945.0	10/25/2018	WG	pH	8.05	SU	CAPA-19-163647
R-56 S1	945.0	04/18/2019	WG	pH	8.03	SU	CAPA-19-171679
R-56 S1	945.0	10/24/2019	WG	pH	8.02	SU	CAPA-20-188557
R-56 S1	945.0	10/22/2020	WG	pH	8.02	SU	CAPA-21-209068
R-56 S1	945.0	04/11/2018	WG	Specific Conductance	148.5	µS/cm	CAPA-18-151787
R-56 S1	945.0	10/25/2018	WG	Specific Conductance	149.3	µS/cm	CAPA-19-163647
R-56 S1	945.0	04/18/2019	WG	Specific Conductance	148.2	µS/cm	CAPA-19-171679
R-56 S1	945.0	10/24/2019	WG	Specific Conductance	148.7	µS/cm	CAPA-20-188557
R-56 S1	945.0	10/22/2020	WG	Specific Conductance	146.7	µS/cm	CAPA-21-209068
R-56 S1	945.0	04/11/2018	WG	Temperature	20.5	deg C	CAPA-18-151787
R-56 S1	945.0	10/25/2018	WG	Temperature	20.4	deg C	CAPA-19-163647
R-56 S1	945.0	04/18/2019	WG	Temperature	20.9	deg C	CAPA-19-171679
R-56 S1	945.0	10/24/2019	WG	Temperature	20.8	deg C	CAPA-20-188557
R-56 S1	945.0	10/22/2020	WG	Temperature	21	deg C	CAPA-21-209068
R-56 S1	945.0	04/11/2018	WG	Turbidity	0.2	NTU	CAPA-18-151787
R-56 S1	945.0	10/25/2018	WG	Turbidity	3.05	NTU	CAPA-19-163647
R-56 S1	945.0	04/18/2019	WG	Turbidity	0.25	NTU	CAPA-19-171679
R-56 S1	945.0	10/24/2019	WG	Turbidity	0.12	NTU	CAPA-20-188557
R-56 S1	945.0	10/22/2020	WG	Turbidity	0.64	NTU	CAPA-21-209068
R-56 S2	1046.6	04/11/2018	WG	Dissolved Oxygen	5.57	mg/L	CAPA-18-151788
R-56 S2	1046.6	10/25/2018	WG	Dissolved Oxygen	5.08	mg/L	CAPA-19-163650
R-56 S2	1046.6	04/18/2019	WG	Dissolved Oxygen	5.71	mg/L	CAPA-19-171694

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-56 S2	1046.6	10/24/2019	WG	Dissolved Oxygen	5.54	mg/L	CAPA-20-188560
R-56 S2	1046.6	10/22/2020	WG	Dissolved Oxygen	5.24	mg/L	CAPA-21-209071
R-56 S2	1046.6	04/11/2018	WG	Flow (in gpm)	4.29	gpm	CAPA-18-151788
R-56 S2	1046.6	10/25/2018	WG	Flow (in gpm)	4.34	gpm	CAPA-19-163650
R-56 S2	1046.6	04/18/2019	WG	Flow (in gpm)	4.23	gpm	CAPA-19-171694
R-56 S2	1046.6	10/24/2019	WG	Flow (in gpm)	4.29	gpm	CAPA-20-188560
R-56 S2	1046.6	10/22/2020	WG	Flow (in gpm)	4.35	gpm	CAPA-21-209071
R-56 S2	1046.6	04/11/2018	WG	Oxidation-Reduction Potential	151.5	mV	CAPA-18-151788
R-56 S2	1046.6	10/25/2018	WG	Oxidation-Reduction Potential	217.7	mV	CAPA-19-163650
R-56 S2	1046.6	04/18/2019	WG	Oxidation-Reduction Potential	189.5	mV	CAPA-19-171694
R-56 S2	1046.6	10/24/2019	WG	Oxidation-Reduction Potential	172.6	mV	CAPA-20-188560
R-56 S2	1046.6	10/22/2020	WG	Oxidation-Reduction Potential	48.8	mV	CAPA-21-209071
R-56 S2	1046.6	04/11/2018	WG	pH	8.55	SU	CAPA-18-151788
R-56 S2	1046.6	10/25/2018	WG	pH	8.57	SU	CAPA-19-163650
R-56 S2	1046.6	04/18/2019	WG	pH	8.53	SU	CAPA-19-171694
R-56 S2	1046.6	10/24/2019	WG	pH	8.56	SU	CAPA-20-188560
R-56 S2	1046.6	10/22/2020	WG	pH	8.59	SU	CAPA-21-209071
R-56 S2	1046.6	04/11/2018	WG	Specific Conductance	130.8	µS/cm	CAPA-18-151788
R-56 S2	1046.6	10/25/2018	WG	Specific Conductance	134.7	µS/cm	CAPA-19-163650
R-56 S2	1046.6	04/18/2019	WG	Specific Conductance	130.7	µS/cm	CAPA-19-171694
R-56 S2	1046.6	10/24/2019	WG	Specific Conductance	131.5	µS/cm	CAPA-20-188560
R-56 S2	1046.6	10/22/2020	WG	Specific Conductance	130	µS/cm	CAPA-21-209071
R-56 S2	1046.6	04/11/2018	WG	Temperature	21.5	deg C	CAPA-18-151788
R-56 S2	1046.6	10/25/2018	WG	Temperature	21.2	deg C	CAPA-19-163650
R-56 S2	1046.6	04/18/2019	WG	Temperature	21.6	deg C	CAPA-19-171694
R-56 S2	1046.6	10/24/2019	WG	Temperature	21.2	deg C	CAPA-20-188560
R-56 S2	1046.6	10/22/2020	WG	Temperature	21.7	deg C	CAPA-21-209071
R-56 S2	1046.6	04/11/2018	WG	Turbidity	1.7	NTU	CAPA-18-151788
R-56 S2	1046.6	10/25/2018	WG	Turbidity	1.27	NTU	CAPA-19-163650

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-56 S2	1046.6	04/18/2019	WG	Turbidity	0.31	NTU	CAPA-19-171694
R-56 S2	1046.6	10/24/2019	WG	Turbidity	0.4	NTU	CAPA-20-188560
R-56 S2	1046.6	10/22/2020	WG	Turbidity	0.8	NTU	CAPA-21-209071
R-57 S1	910.0	04/06/2018	WG	Dissolved Oxygen	5.71	mg/L	CAPA-18-151789
R-57 S1	910.0	10/19/2018	WG	Dissolved Oxygen	5.83	mg/L	CAPA-19-163654
R-57 S1	910.0	04/11/2019	WG	Dissolved Oxygen	5.79	mg/L	CAPA-19-171696
R-57 S1	910.0	10/18/2019	WG	Dissolved Oxygen	5.86	mg/L	CAPA-20-188564
R-57 S1	910.0	10/16/2020	WG	Dissolved Oxygen	5.85	mg/L	CAPA-21-209074
R-57 S1	910.0	04/06/2018	WG	Flow (in gpm)	3.7	gpm	CAPA-18-151789
R-57 S1	910.0	10/19/2018	WG	Flow (in gpm)	3.7	gpm	CAPA-19-163654
R-57 S1	910.0	04/11/2019	WG	Flow (in gpm)	3.49	gpm	CAPA-19-171696
R-57 S1	910.0	10/18/2019	WG	Flow (in gpm)	3.57	gpm	CAPA-20-188564
R-57 S1	910.0	10/16/2020	WG	Flow (in gpm)	3.61	gpm	CAPA-21-209074
R-57 S1	910.0	04/06/2018	WG	Oxidation-Reduction Potential	147.1	mV	CAPA-18-151789
R-57 S1	910.0	10/19/2018	WG	Oxidation-Reduction Potential	289.2	mV	CAPA-19-163654
R-57 S1	910.0	04/11/2019	WG	Oxidation-Reduction Potential	128.4	mV	CAPA-19-171696
R-57 S1	910.0	10/18/2019	WG	Oxidation-Reduction Potential	188.4	mV	CAPA-20-188564
R-57 S1	910.0	10/16/2020	WG	Oxidation-Reduction Potential	39.7	mV	CAPA-21-209074
R-57 S1	910.0	04/06/2018	WG	pH	7.89	SU	CAPA-18-151789
R-57 S1	910.0	10/19/2018	WG	pH	7.85	SU	CAPA-19-163654
R-57 S1	910.0	04/11/2019	WG	pH	7.94	SU	CAPA-19-171696
R-57 S1	910.0	10/18/2019	WG	pH	7.82	SU	CAPA-20-188564
R-57 S1	910.0	10/16/2020	WG	pH	7.87	SU	CAPA-21-209074
R-57 S1	910.0	04/06/2018	WG	Specific Conductance	138.1	µS/cm	CAPA-18-151789
R-57 S1	910.0	10/19/2018	WG	Specific Conductance	139	µS/cm	CAPA-19-163654
R-57 S1	910.0	04/11/2019	WG	Specific Conductance	138.1	µS/cm	CAPA-19-171696
R-57 S1	910.0	10/18/2019	WG	Specific Conductance	138	µS/cm	CAPA-20-188564
R-57 S1	910.0	10/16/2020	WG	Specific Conductance	134.5	µS/cm	CAPA-21-209074
R-57 S1	910.0	04/06/2018	WG	Temperature	22.9	deg C	CAPA-18-151789

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-57 S1	910.0	10/19/2018	WG	Temperature	22.3	deg C	CAPA-19-163654
R-57 S1	910.0	04/11/2019	WG	Temperature	22.1	deg C	CAPA-19-171696
R-57 S1	910.0	10/18/2019	WG	Temperature	22.8	deg C	CAPA-20-188564
R-57 S1	910.0	10/16/2020	WG	Temperature	22.5	deg C	CAPA-21-209074
R-57 S1	910.0	04/06/2018	WG	Turbidity	6.7	NTU	CAPA-18-151789
R-57 S1	910.0	10/19/2018	WG	Turbidity	0.15	NTU	CAPA-19-163654
R-57 S1	910.0	04/11/2019	WG	Turbidity	0.45	NTU	CAPA-19-171696
R-57 S1	910.0	10/18/2019	WG	Turbidity	0.16	NTU	CAPA-20-188564
R-57 S1	910.0	10/16/2020	WG	Turbidity	0.58	NTU	CAPA-21-209074
R-57 S2	971.5	04/06/2018	WG	Dissolved Oxygen	5.75	mg/L	CAPA-18-151790
R-57 S2	971.5	10/19/2018	WG	Dissolved Oxygen	5.95	mg/L	CAPA-19-163657
R-57 S2	971.5	04/11/2019	WG	Dissolved Oxygen	5.85	mg/L	CAPA-19-171698
R-57 S2	971.5	10/18/2019	WG	Dissolved Oxygen	5.82	mg/L	CAPA-20-188567
R-57 S2	971.5	10/16/2020	WG	Dissolved Oxygen	5.92	mg/L	CAPA-21-209078
R-57 S2	971.5	04/06/2018	WG	Flow (in gpm)	3.75	gpm	CAPA-18-151790
R-57 S2	971.5	10/19/2018	WG	Flow (in gpm)	3.66	gpm	CAPA-19-163657
R-57 S2	971.5	04/11/2019	WG	Flow (in gpm)	3.57	gpm	CAPA-19-171698
R-57 S2	971.5	10/18/2019	WG	Flow (in gpm)	3.57	gpm	CAPA-20-188567
R-57 S2	971.5	10/16/2020	WG	Flow (in gpm)	3.52	gpm	CAPA-21-209078
R-57 S2	971.5	04/06/2018	WG	Oxidation-Reduction Potential	151.8	mV	CAPA-18-151790
R-57 S2	971.5	10/19/2018	WG	Oxidation-Reduction Potential	299.6	mV	CAPA-19-163657
R-57 S2	971.5	04/11/2019	WG	Oxidation-Reduction Potential	133.3	mV	CAPA-19-171698
R-57 S2	971.5	10/18/2019	WG	Oxidation-Reduction Potential	155.3	mV	CAPA-20-188567
R-57 S2	971.5	10/16/2020	WG	Oxidation-Reduction Potential	53.7	mV	CAPA-21-209078
R-57 S2	971.5	04/06/2018	WG	pH	7.98	SU	CAPA-18-151790
R-57 S2	971.5	10/19/2018	WG	pH	7.97	SU	CAPA-19-163657
R-57 S2	971.5	04/11/2019	WG	pH	8.07	SU	CAPA-19-171698
R-57 S2	971.5	10/18/2019	WG	pH	7.95	SU	CAPA-20-188567
R-57 S2	971.5	10/16/2020	WG	pH	7.94	SU	CAPA-21-209078

Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-57 S2	971.5	04/06/2018	WG	Specific Conductance	134.2	µS/cm	CAPA-18-151790
R-57 S2	971.5	10/19/2018	WG	Specific Conductance	135.6	µS/cm	CAPA-19-163657
R-57 S2	971.5	04/11/2019	WG	Specific Conductance	134.1	µS/cm	CAPA-19-171698
R-57 S2	971.5	10/18/2019	WG	Specific Conductance	134.2	µS/cm	CAPA-20-188567
R-57 S2	971.5	10/16/2020	WG	Specific Conductance	131.9	µS/cm	CAPA-21-209078
R-57 S2	971.5	04/06/2018	WG	Temperature	22.7	deg C	CAPA-18-151790
R-57 S2	971.5	10/19/2018	WG	Temperature	22.8	deg C	CAPA-19-163657
R-57 S2	971.5	04/11/2019	WG	Temperature	22.1	deg C	CAPA-19-171698
R-57 S2	971.5	10/18/2019	WG	Temperature	22.6	deg C	CAPA-20-188567
R-57 S2	971.5	10/16/2020	WG	Temperature	22	deg C	CAPA-21-209078
R-57 S2	971.5	04/06/2018	WG	Turbidity	0.22	NTU	CAPA-18-151790
R-57 S2	971.5	10/19/2018	WG	Turbidity	0.17	NTU	CAPA-19-163657
R-57 S2	971.5	04/11/2019	WG	Turbidity	0.51	NTU	CAPA-19-171698
R-57 S2	971.5	10/18/2019	WG	Turbidity	0.29	NTU	CAPA-20-188567
R-57 S2	971.5	10/16/2020	WG	Turbidity	4.15	NTU	CAPA-21-209078

[a] WG = Groundwater.

[b] gpm = Gallons per minute.

[c] SU = Standard unit.

[d] NTU = Nephelometric turbidity unit.

[e] — = Flow, dissolved oxygen, oxidation-reduction potential, pH, specific conductance, temperature, and turbidity field parameters at this location were not assigned a field measurement record ID. Data are from the field notes.

Appendix B

Groundwater-Elevation Measurements
(on CD included with this document)

Appendix C

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

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

Acronyms and Abbreviations

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

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Field QC Type Codes (continued)	
PEB	performance evaluation blank
PEK	performance evaluation known
REG	Regular
RES	Resample
SS	special sampling event, data unique
SS-EQB	equipment blank of special sampling event, data unique
SS-FB	field blank of special sampling event, data unique
SS-FD	field duplicate of special sampling event, data unique
SS-FTB	field trip blank of special sampling event, data unique
Analytical Suite Codes	
DIOX/FUR, Diox/Fur	dioxins and furans
DRO	diesel range organics
Geninorg, GENINORG, General Chemistry	general inorganics
GRO	gasoline range organics
HERB	Herbicides
HEXP	high explosives
INORGANIC	Inorganics
ISOTOPE, Isotope	isotope ratios
LCMS/MS	liquid chromatography mass spectrometry/mass spectrometry
LCMS/MS PFAS	liquid chromatography mass spectrometry/mass spectrometry of per- and polyfluoroalkyl substances
METALS, Metals	Metals
PEST/PCB, PESTPCB	pesticides and PCBs
RAD, Rad	radiochemistry
SVOC, SVOA	semivolatile organic compounds; semivolatile organic analytes
VOC, VOA	volatile organic compounds; volatile organic analytes
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)

Acronyms and Abbreviations (continued)

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

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

Analytical Laboratory Qualifiers

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

Analytical Laboratory Qualifiers (continued)

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

Analytical Laboratory Qualifiers (continued)

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

Validation Qualifiers

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

Background Values

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

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

REFERENCE

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

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

Table C-1 Analytical Results from the Periodic Monitoring 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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.298	—	535	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.298	—	—	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	89.8	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*i	µg/L	—	68.0	Y	U	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0287	0.013	—	0.00829*i	pCi/L	0.0626	—	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0186	—	—	0.0606*i	mg/L	—	0.017	Y	J	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.17	—	130	—	µg/L	—	4.17	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.298	—	1720	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*i	µg/L	—	1.0	Y	U	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.24	—	10	2.82*i	µg/L	—	2.0	Y	J	J	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.98	—	3	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	57.5	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.88	—	0.00109	—	µg/L	—	3.88	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.298	—	0.12	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.298	—	0.2	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.298	—	0.343	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.298	—	—	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.298	—	3.43	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.96	—	75000	—	µg/L	—	5.96	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.98	—	2000	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*i	µg/L	—	1.0	Y	U	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.98	—	59	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.98	—	0.137	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.298	—	6	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.2	—	750	16.2*i	µg/L	—	15.0	Y	J	J	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	Y	0.124	—	—	0.0716*i	mg/L	—	0.067	Y	J	J	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.98	—	—	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.298	—	160	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*i	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	30.9	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.47	1.65	—	2.96*i	pCi/L	4.41	—	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	29.6	—	250	3.11	mg/L	—	0.335	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.98	—	1400	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.28	—	3.7	—	µg/L	—	3.28	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.408	—	733	—	µg/L	—	0.408	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.98	—	91	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.98	—	—	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	2.72*i	µg/L	—	3.0	Y	U	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.298	—	34.3	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*i	µg/L	—	1.0	Y	U	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.25	1.34	—	2.68*i	pCi/L	5.7	—	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*i	µg/L	—	3.0	Y	U	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*i	mg/L	—	0.00167	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.298	—	0.0343	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.98	—	7.9	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.98	—	600	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.98	—	—	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.98	—	75	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.98	—	1.25	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.98	—	45.3	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.298	—	14800	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.298	—	612	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.98	—	354	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.298	—	885	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.98	—	1.52	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.97	—	38.7	—	µg/L	—	4.97	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.98	—	2.37	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.98	—	0.485	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.298	—	200	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.98	—	7	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.98	—	4.59	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	2.59	—	4.59	—	µg/L	—	0.1	Y	—	NQ	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.98	—	122	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.98	—	0.78	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.298	—	802	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.298	—	288	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.144	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.658	0.676	15	3.85*i	pCi/L	2.54	—	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.16	0.937	—	—	pCi/L	2.19	—	Y	—	NQ	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	124.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.98	—	1	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.98	—	1.39	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.98	—	50	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.98	—	3.28	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.298	—	0.343	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.48	—	781	—	µg/L	—	3.48	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	11.3	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.298	—	11.4	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.298	—	35.1	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.98	—	930	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.68	—	930	—	µg/L	—	3.68	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.42	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.298	—	1.65	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.91	2.9	—	—	pCi/L	9.82	—	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	1.1	—	200	3.65	µg/L	—	0.6	Y	J	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.712	—	10	0.459	mg/L	—	0.017	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.98	—	190	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.98	—	—	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.98	—	38	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.98	—	1.4	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.98	—	—	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.98	—	—	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.98	—	0.00167	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-153	CAPA-21-208923	SwRI
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.98	—	0.00491	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-153	CAPA-21-208923	SwRI
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.98	—	0.0273	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.00115	—	0.0273	—	µg/L	—	0.00047	Y	—	NQ	N3B-2021-153	CAPA-21-208923	SwRI
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.98	—	0.11	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-153	CAPA-21-208923	SwRI
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.98	—	0.37	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-153	CAPA-21-208923	SwRI
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.98	—	9.81	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.98	—	3.07	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.98	—	1	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.245	—	13.8	0.27	µg/L	—	0.05	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.602	—	70	—	ng/L	—	0.602	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.73	—	70	—	ng/L	—	0.73	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.73	—	70	—	ng/L	—	0.73	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.298	—	170	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.98	—	5	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0123	0.0136	—	—	pCi/L	0.0951	—	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0451	0.0205	—	—	pCi/L	0.106	—	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.63	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.0	15.3	—	—	pCi/L	57.6	—	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.98	—	250	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.298	—	117	—	µg/L	—	0.298	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.98	—	20	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.493	0.123	5	—	pCi/L	0.21	—	Y	—	NQ	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	0.758	0.2	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.264	0.158	5	—	pCi/L	0.52	—	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	53.1	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.3	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.902	1.18	—	—	pCi/L	4.31	—	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	299.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	196.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.083	0.143	8	—	pCi/L	0.491	—	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	15.4	—	600	7.1	mg/L	—	0.133	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.98	—	20	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.98	—	1.66	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.98	—	240	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	5.49	—	12000	—	µg/L	—	2.5	Y	J	J	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	234.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.113	—	—	—	mg/L	—	0.033	Y	—	J+	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	Y	0.562	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0859	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-145	CAPA-21-208923	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.98	—	70	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.98	—	1170	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.98	—	11.9	—	µg/L	—	2.98	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	56.267	8.579	20000	—	pCi/L	2.979	—	Y	—	NQ	N3B-2021-219	CAPA-21-208923	ARSL
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.689	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.392	0.0536	27.2	0.477	pCi/L	0.132	—	Y	—	NQ	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0463	0.0229	28.8	—	pCi/L	0.113	—	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.237	0.0406	30	0.201	pCi/L	0.12	—	Y	—	NQ	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.94	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206476	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	9.42	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-145	CAPA-21-208922	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.301	—	535	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.301	—	—	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.29	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	76.9	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*i	µg/L	—	68.0	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00818	0.01	—	0.00829*i	pCi/L	0.0712	—	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0293	—	—	0.0606*i	mg/L	—	0.017	Y	J	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.21	—	130	—	µg/L	—	4.21	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.301	—	1720	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*i	µg/L	—	1.0	Y	U	U	N3B-2021-145	CAPA-21-208941	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.99	—	10	2.82*i	µg/L	—	2.0	Y	J	J	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.01	—	3	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	7.17	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.91	—	0.00109	—	µg/L	—	3.91	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.301	—	0.12	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.301	—	0.2	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.301	—	0.343	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.301	—	—	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.301	—	3.43	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.02	—	75000	—	µg/L	—	6.02	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.01	—	2000	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*i	µg/L	—	1.0	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.01	—	59	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.01	—	0.137	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.301	—	6	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.7	—	750	16.2*i	µg/L	—	15.0	Y	J	J	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.0716*i	mg/L	—	0.067	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.301	—	160	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*i	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.6	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.852	1.26	—	2.96*i	pCi/L	4.51	—	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	8.46	—	250	3.11	mg/L	—	0.067	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.01	—	1400	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.31	—	3.7	—	µg/L	—	3.31	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.411	—	733	—	µg/L	—	0.411	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.01	—	91	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	2.72*i	µg/L	—	3.0	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.301	—	34.3	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*i	µg/L	—	1.0	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.92	1.35	—	2.68*i	pCi/L	5.62	—	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*i	µg/L	—	3.0	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*i	mg/L	—	0.00167	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.301	—	0.0343	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.01	—	7.9	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.01	—	600	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.01	—	75	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.01	—	1.25	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.01	—	45.3	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.301	—	14800	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.301	—	612	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.01	—	354	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.301	—	885	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.01	—	1.52	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.02	—	38.7	—	µg/L	—	5.02	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.01	—	2.37	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.01	—	0.485	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.301	—	200	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.01	—	7	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.01	—	4.59	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.179	—	4.59	—	µg/L	—	0.1	Y	J	J	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.01	—	122	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.01	—	0.78	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.301	—	802	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.301	—	288	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.169	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.47	0.705	15	3.85*i	pCi/L	2.02	—	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.693	0.675	—	—	pCi/L	2.33	—	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	78.4	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.01	—	1	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.01	—	1.39	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.01	—	50	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.01	—	3.28	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.301	—	0.343	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.51	—	781	—	µg/L	—	3.51	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.97	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2021-145	CAPA-21-208941	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.301	—	11.4	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.301	—	35.1	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.01	—	930	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.71	—	930	—	µg/L	—	3.71	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.61	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.301	—	1.65	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.05	2.55	—	—	pCi/L	8.81	—	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	1.05	—	200	3.65	µg/L	—	0.6	Y	J	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.913	—	10	0.459	mg/L	—	0.017	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.01	—	190	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.01	—	38	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.01	—	1.4	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.01	—	0.00167	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-153	CAPA-21-209290	SwRI
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.01	—	0.00491	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-153	CAPA-21-209290	SwRI
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.01	—	0.0273	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.00185	—	0.0273	—	µg/L	—	0.00047	Y	—	NQ	N3B-2021-153	CAPA-21-209290	SwRI
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.01	—	0.11	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-153	CAPA-21-209290	SwRI
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.01	—	0.37	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-153	CAPA-21-209290	SwRI
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.01	—	9.81	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.01	—	3.07	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.01	—	1	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.254	—	13.8	0.27	µg/L	—	0.05	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.602	—	70	—	ng/L	—	0.602	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.729	—	70	—	ng/L	—	0.729	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.729	—	70	—	ng/L	—	0.729	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.301	—	170	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.01	—	5	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0117	0.0129	—	—	pCi/L	0.0902	—	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N		0.0234	—	—	pCi/L	0.101	—	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.51	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.7	18.5	—	—	pCi/L	55.0	—	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.01	—	250	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206478	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.301	—	117	—	µg/L	—	0.301	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.01	—	20	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.54	0.194	5	—	pCi/L	0.221	—	Y	—	NQ	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	1.54	0.227	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.223	0.117	5	—	pCi/L	0.518	—	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.0	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.879	1.51	—	—	pCi/L	4.67	—	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	189.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.3	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.377	0.152	8	—	pCi/L	0.484	—	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	7.82	—	600	7.1	mg/L	—	0.133	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.01	—	20	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.01	—	1.66	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.01	—	240	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	139.0	—	1000	—	mg/L	—	3.4	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.218	—	—	—	mg/L	—	0.033	Y	—	J+	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	Y	0.422	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0497	—	—	—	mg/L	—	0.02	Y	J	U	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.01	—	70	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.01	—	1170	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.01	—	11.9	—	µg/L	—	3.01	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	16.718	2.762	20000	—	pCi/L	3.105	—	Y	—	NQ	N3B-2021-219	CAPA-21-209290	ARSL
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.598	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.474	0.0551	27.2	0.477	pCi/L	0.122	—	Y	—	NQ	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0177	0.0196	28.8	—	pCi/L	0.105	—	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.26	0.0412	30	0.201	pCi/L	0.111	—	Y	—	NQ	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.72	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206478	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	9.3	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-145	CAPA-21-208941	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.302	—	535	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.296	—	535	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.302	—	—	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.296	—	—	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.82	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.51	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	5.09	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	108.0	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*i	µg/L	—	68.0	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00000000168	0.00797	—	0.00829*i	pCi/L	0.0553	—	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0336	—	—	0.0606*i	mg/L	—	0.017	Y	J	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.23	—	130	—	µg/L	—	4.23	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.14	—	130	—	µg/L	—	4.14	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.302	—	1720	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.296	—	1720	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*i	µg/L	—	1.0	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.58	—	10	2.82*i	µg/L	—	2.0	Y	J	J	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.02	—	3	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.96	—	3	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	7.74	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.93	—	0.00109	—	µg/L	—	3.93	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.84	—	0.00109	—	µg/L	—	3.84	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.302	—	0.12	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.296	—	0.12	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.302	—	0.2	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.296	—	0.2	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.302	—	0.343	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.296	—	0.343	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.302	—	—	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.296	—	—	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.302	—	3.43	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.296	—	3.43	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.05	—	75000	—	µg/L	—	6.05	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.91	—	75000	—	µg/L	—	5.91	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.02	—	2000	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.96	—	2000	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*i	µg/L	—	1.0	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.02	—	59	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.96	—	59	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.02	—	0.137	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.96	—	0.137	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.302	—	6	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.296	—	6	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	31.2	—	750	16.2*i	µg/L	—	15.0	Y	J	J	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.0716*i	mg/L	—	0.067	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.96	—	—	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.302	—	160	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.296	—	160	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*i	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.2	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.17	1.28	—	2.96*i	pCi/L	4.23	—	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	4.96	—	250	3.11	mg/L	—	0.067	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	UJ	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.02	—	1400	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.96	—	1400	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.33	—	3.7	—	µg/L	—	3.33	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.25	—	3.7	—	µg/L	—	3.25	Y	U	U	N3B-2020-1906	CAMO-20-206497	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.413	—	733	—	µg/L	—	0.413	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.404	—	733	—	µg/L	—	0.404	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.02	—	91	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.96	—	91	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.96	—	—	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	2.72*i	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.302	—	34.3	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.296	—	34.3	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*i	µg/L	—	1.0	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.224	1.31	—	2.68*i	pCi/L	5.12	—	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*i	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*i	mg/L	—	0.00167	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.302	—	0.0343	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.296	—	0.0343	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.02	—	7.9	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.96	—	7.9	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.02	—	600	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.96	—	600	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.96	—	—	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.02	—	75	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.96	—	75	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.02	—	1.25	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.96	—	1.25	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.02	—	45.3	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.96	—	45.3	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.302	—	14800	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.296	—	14800	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.302	—	612	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.296	—	612	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.02	—	354	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.96	—	354	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.302	—	885	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.296	—	885	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.02	—	1.52	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.96	—	1.52	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.04	—	38.7	—	µg/L	—	5.04	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.93	—	38.7	—	µg/L	—	4.93	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.02	—	2.37	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.96	—	2.37	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.02	—	0.485	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.96	—	0.485	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.302	—	200	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.296	—	200	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.02	—	7	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.96	—	7	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	3.87	—	4.59	—	µg/L	—	3.02	Y	J	J	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	5.41	—	4.59	—	µg/L	—	0.1	Y	—	NQ	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	4.03	—	4.59	—	µg/L	—	2.96	Y	J	J	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.02	—	122	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.96	—	122	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.02	—	0.78	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.96	—	0.78	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.302	—	802	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.296	—	802	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.302	—	288	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.296	—	288	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.629	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.01	0.924	15	3.85*i	pCi/L	2.71	—	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.59	0.709	—	—	pCi/L	2.18	—	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	86.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.02	—	1	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.96	—	1	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.02	—	1.39	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.96	—	1.39	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.02	—	50	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.96	—	50	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.02	—	3.28	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.96	—	3.28	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.302	—	0.343	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.296	—	0.343	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.53	—	781	—	µg/L	—	3.53	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.45	—	781	—	µg/L	—	3.45	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.21	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.302	—	11.4	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.296	—	11.4	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.302	—	35.1	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.296	—	35.1	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.02	—	930	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.96	—	930	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.73	—	930	—	µg/L	—	3.73	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.65	—	930	—	µg/L	—	3.65	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.99	—	1000	2.9	µg/L	—	0.2	Y	—	J+	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.302	—	1.65	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.296	—	1.65	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.27	2.75	—	—	pCi/L	9.78	—	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.862	—	200	3.65	µg/L	—	0.6	Y	J	J	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.437	—	10	0.459	mg/L	—	0.017	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.02	—	190	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.96	—	190	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.96	—	—	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.02	—	38	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.96	—	38	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.02	—	1.4	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.96	—	1.4	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.96	—	—	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.96	—	—	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.02	—	0.00167	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-131	CAMO-21-208949	SwRI
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.96	—	0.00167	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.02	—	0.00491	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-131	CAMO-21-208949	SwRI
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.96	—	0.00491	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.02	—	0.0273	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2021-131	CAMO-21-208949	SwRI
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.96	—	0.0273	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.02	—	0.11	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-131	CAMO-21-208949	SwRI
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.96	—	0.11	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.02	—	0.37	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-131	CAMO-21-208949	SwRI
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.96	—	0.37	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.02	—	9.81	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.96	—	9.81	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.02	—	3.07	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.96	—	3.07	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.02	—	1	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.96	—	1	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.437	—	13.8	0.27	µg/L	—	0.05	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.576	—	70	—	ng/L	—	0.576	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.698	—	70	—	ng/L	—	0.698	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.698	—	70	—	ng/L	—	0.698	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.302	—	170	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.296	—	170	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.02	—	5	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.96	—	5	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00444	0.00629	—	—	pCi/L	0.0514	—	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0133	0.00888	—	—	pCi/L	0.0574	—	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.78	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.1	20.7	—	—	pCi/L	55.2	—	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.02	—	250	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.96	—	250	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.302	—	117	—	µg/L	—	0.302	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.296	—	117	—	µg/L	—	0.296	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.02	—	20	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.96	—	20	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.546	0.134	5	—	pCi/L	0.262	—	Y	—	NQ	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	0.958	0.217	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.412	0.17	5	—	pCi/L	0.532	—	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	56.8	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.6	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.818	1.09	—	—	pCi/L	4.09	—	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	226.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	109.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.239	0.125	8	—	pCi/L	0.483	—	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	9.77	—	600	7.1	mg/L	—	0.133	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.02	—	20	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.96	—	20	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.02	—	1.66	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.96	—	1.66	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.02	—	240	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.96	—	240	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	4.99	—	12000	—	µg/L	—	2.5	Y	J	J	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	187.0	—	1000	—	mg/L	—	3.4	Y	—	J+	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.347	—	—	—	mg/L	—	0.033	Y	—	J+	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	Y	0.396	—	—	1.35	mg/L	—	0.33	Y	J	J	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0333	—	—	—	mg/L	—	0.02	Y	J	J	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.02	—	70	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.96	—	70	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.02	—	1170	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.96	—	1170	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.02	—	11.9	—	µg/L	—	3.02	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.96	—	11.9	—	µg/L	—	2.96	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	29.278	4.564	20000	—	pCi/L	2.902	—	Y	—	NQ	N3B-2021-219	CAMO-21-208949	ARSL
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.58	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.05	0.079	27.2	0.477	pCi/L	0.113	—	Y	—	NQ	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0694	0.0234	28.8	—	pCi/L	0.097	—	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.449	0.0511	30	0.201	pCi/L	0.103	—	Y	—	NQ	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.06	—	63.1	9.29	µg/L	—	1.0	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	—	µg/L	—	3.3	Y	U	U	N3B-2021-130	CAMO-21-208948	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.98	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	15.7	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	82.6	—	—	62	mg/L	—	1.45	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*i	µg/L	—	68.0	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*i	µg/L	—	68.0	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0316	—	—	0.0606*i	mg/L	—	0.017	Y	J	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*i	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*i	µg/L	—	1.0	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.82*i	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.82*i	µg/L	—	2.0	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.1	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.5	—	2000	13.5	µg/L	—	1.0	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*i	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*i	µg/L	—	1.0	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	16.2*i	µg/L	—	15.0	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	16.2*i	µg/L	—	15.0	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.0716*i	mg/L	—	0.067	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*i	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*i	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.7	—	—	10.7	mg/L	—	0.05	Y	—	J-	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.0	—	—	10.7	mg/L	—	0.05	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	2.35	—	250	3.11	mg/L	—	0.067	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	2.72*i	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	2.72*i	µg/L	—	3.0	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*i	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*i	µg/L	—	1.0	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*i	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*i	µg/L	—	3.0	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*i	mg/L	—	0.00167	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*i	mg/L	—	0.00167	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.298	—	1.6	0.234	mg/L	—	0.033	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	64.0	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.1	—	—	37.8	mg/L	—	0.453	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2020-1882	CAPA-20-206482	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.21	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.5	—	—	3.14	mg/L	—	0.11	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.73	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.74	—	1000	2.9	µg/L	—	0.2	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	3.65	µg/L	—	0.6	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	3.65	µg/L	—	0.6	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.633	—	10	0.459	mg/L	—	0.017	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.174	—	13.8	0.27	µg/L	—	0.05	Y	J	J	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.594	—	70	—	ng/L	—	0.594	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.721	—	70	—	ng/L	—	0.721	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.721	—	70	—	ng/L	—	0.721	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.72	—	—	2.35	mg/L	—	0.05	Y	—	J+	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.72	—	—	2.35	mg/L	—	0.05	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	56.7	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	56.9	—	—	75	mg/L	—	0.053	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	18.2	mg/L	—	0.1	Y	—	J+	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.6	—	—	18.2	mg/L	—	0.1	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	176.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	123.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	114.0	—	11800	59.6	µg/L	—	1.0	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	5.21	—	600	7.1	mg/L	—	0.133	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-190	CAPA-21-208953	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	146.0	—	1000	—	mg/L	—	3.4	Y	—	J	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0762	—	—	—	mg/L	—	0.033	Y	J	J+	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	UJ	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.35	mg/L	—	0.33	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.35	mg/L	—	0.33	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0205	—	—	—	mg/L	—	0.02	Y	J	J	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.66	—	5	—	µg/L	—	0.3	Y	J	J	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.134	0.932	20000	—	pCi/L	2.841	—	Y	U	U	N3B-2021-220	CAPA-21-208954	ARSL
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.52	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.525	—	30	0.992	µg/L	—	0.067	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.38	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.43	—	63.1	9.29	µg/L	—	1.0	Y	J	J	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.3	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.13	—	10000	—	µg/L	—	3.3	Y	J	J	N3B-2020-1882	CAPA-20-206482	GELC
R-55i	510.0	10/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.598	—	70	—	ng/L	—	0.598	Y	U	U	N3B-2021-118	CAMO-21-209576	GELC
R-55i	510.0	10/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.725	—	70	—	ng/L	—	0.725	Y	U	U	N3B-2021-118	CAMO-21-209576	GELC
R-55i	510.0	10/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.725	—	70	—	ng/L	—	0.725	Y	U	U	N3B-2021-118	CAMO-21-209576	GELC
R-55i	510.0	10/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-118	CAMO-21-209576	GELC
R-55i	510.0	10/16/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	8.056	1.557	20000	—	pCi/L	2.906	—	Y	—	NQ	N3B-2021-219	CAMO-21-209576	ARSL
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-176	CAPA-21-208957	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.75	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	9.39	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	66.9	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0161	0.0107	—	0.0167*r	pCi/L	0.0705	—	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0321	—	—	0.1*r	mg/L	—	0.017	Y	J	J	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	16.6	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	9.88	—	75000	—	µg/L	—	6.0	Y	J	J	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	6	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*r	µg/L	—	15.0	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.452	1.1	—	2.93*r	pCi/L	4.24	—	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	2.34	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.07	1.33	—	2.65*r	pCi/L	4.37	—	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.0	—	0.78	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.392	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-176	CAPA-21-208956	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.384	0.67	15	2.012*r	pCi/L	2.64	—	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.92	0.766	—	—	pCi/L	2.34	—	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.28	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	930	—	µg/L	—	3.7	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.29	—	1000	2.5	µg/L	—	0.2	Y	—	J+	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.06	2.32	—	—	pCi/L	7.78	—	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	1.47	—	200	2.9	µg/L	—	0.6	Y	J	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.175	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-178	CAPA-21-208957	SwRI
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-178	CAPA-21-208957	SwRI
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.00067	—	0.0273	—	µg/L	—	0.00047	Y	—	NQ	N3B-2021-178	CAPA-21-208957	SwRI
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-178	CAPA-21-208957	SwRI
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-178	CAPA-21-208957	SwRI
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.165	—	13.8	0.414	µg/L	—	0.05	Y	J	J	N3B-2021-176	CAPA-21-208956	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.603	—	70	—	ng/L	—	0.603	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.73	—	70	—	ng/L	—	0.73	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.73	—	70	—	ng/L	—	0.73	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0142	0.0133	—	—	pCi/L	0.0824	—	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.032	0.0138	—	—	pCi/L	0.092	—	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.95	—	—	2.39	mg/L	—	0.05	Y	—	J+	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-21.0	17.9	—	—	pCi/L	67.6	—	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.42	0.271	5	—	pCi/L	0.439	—	Y	—	NQ	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	1.69	0.341	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.268	0.207	5	—	pCi/L	0.701	—	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.0	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.738	0.976	—	—	pCi/L	3.66	—	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	143.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	80.9	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0319	0.133	8	—	pCi/L	0.482	—	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	1.61	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	16.4	—	12000	—	µg/L	—	2.5	N	—	R	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	Y	1.01	—	12000	—	µg/L	—	1.0	Y	J	J	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	147.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.142	—	—	—	mg/L	—	0.033	Y	—	J+	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	Y	0.44	—	—	1.08	mg/L	—	0.33	Y	J	J	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.076	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	8.363	1.58	20000	—	pCi/L	2.826	—	Y	—	NQ	N3B-2021-219	CAPA-21-208957	ARSL

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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.548	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.28	0.0445	27.2	0.715	pCi/L	0.12	—	Y	—	NQ	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.000141	0.0146	28.8	—	pCi/L	0.103	—	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.151	0.035	30	—	pCi/L	0.109	—	Y	—	NQ	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.8	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	—	µg/L	—	3.3	Y	U	U	N3B-2021-176	CAPA-21-208956	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	69.9	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0176	0.00927	—	0.0167*r	pCi/L	0.0643	—	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0952	—	—	0.1*r	mg/L	—	0.017	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	222.0	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	UJ	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	11.1	—	75000	—	µg/L	—	6.0	Y	J	J	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	6	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.3	—	750	18.7*r	µg/L	—	15.0	Y	J	J	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208959	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.9	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.18	0.876	—	2.93*r	pCi/L	2.95	—	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	1.81	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.725	1.16	—	2.65*r	pCi/L	4.32	—	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.0	—	0.78	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.341	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.223	0.803	15	2.012*r	pCi/L	2.93	—	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.2	0.788	—	—	pCi/L	2.35	—	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	34.8	—	1000	—	µg/L	—	30.0	Y	J	J	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.88	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	71.6	—	200	—	µg/L	—	2.0	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	930	—	µg/L	—	3.7	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.48	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.99	3.47	—	—	pCi/L	6.65	—	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.15	—	200	2.9	µg/L	—	0.6	Y	J	J	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.222	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.00761	—	0.00167	—	µg/L	—	0.00018	Y	—	J	N3B-2021-121	CAPA-21-208960	SwRI
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.0153	—	0.00491	—	µg/L	—	0.00036	Y	—	J	N3B-2021-121	CAPA-21-208960	SwRI
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.000862	—	0.0273	—	µg/L	—	0.00047	Y	—	U	N3B-2021-121	CAPA-21-208960	SWRI
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-121	CAPA-21-208960	SwRI
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-121	CAPA-21-208960	SwRI
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.188	—	13.8	0.414	µg/L	—	0.05	Y	J	J	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.611	—	70	—	ng/L	—	0.611	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.74	—	70	—	ng/L	—	0.74	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.74	—	70	—	ng/L	—	0.74	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0116	0.00837	—	—	pCi/L	0.0537	—	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0139	0.0109	—	—	pCi/L	0.06	—	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.34	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.7	22.7	—	—	pCi/L	38.0	—	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.265	0.104	5	—	pCi/L	0.296	—	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	1.65	0.239	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	1.39	0.216	5	—	pCi/L	0.52	—	Y	—	NQ	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.3	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.39	1.23	—	—	pCi/L	4.96	—	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	134.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	203.0	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0523	0.133	8	—	pCi/L	0.488	—	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	1.49	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.77	—	12000	—	µg/L	—	2.5	Y	J	J	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	159.0	—	1000	161	mg/L	—	3.4	Y	—	J+	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0791	—	—	—	mg/L	—	0.033	Y	J	J+	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	Y	2.96	—	—	1.08	mg/L	—	0.33	Y	—	NQ	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.136	—	—	—	mg/L	—	0.02	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-111	CAPA-21-208960	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.192	0.952	20000	—	pCi/L	3.095	—	Y	U	U	N3B-2021-219	CAPA-21-208960	ARSL
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.474	—	30	1.19	µg/L	—	0.067	Y	—	J+	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.333	0.0533	27.2	0.715	pCi/L	0.157	—	Y	—	NQ	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00911	0.0178	28.8	—	pCi/L	0.135	—	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.19	0.0401	30	—	pCi/L	0.143	—	Y	—	NQ	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.09	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	Y	0.51	—	193	—	µg/L	—	0.3	Y	J	J	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.89	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-111	CAPA-21-208959	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.295	—	535	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.295	—	—	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	58.7	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	59.7	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0107	0.0113	—	0.0167*r	pCi/L	0.0586	—	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0119	0.0103	—	0.0167*r	pCi/L	0.0655	—	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0358	—	—	0.1*r	mg/L	—	0.017	Y	J	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*r	mg/L	—	0.017	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.13	—	130	—	µg/L	—	4.13	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.295	—	1720	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.08	—	10	2.7*r	µg/L	—	2.0	Y	J	J	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.95	—	3	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	15.2	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	14.8	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.84	—	0.00109	—	µg/L	—	3.84	Y	U	UJ	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	UJ	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.295	—	0.12	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.295	—	0.2	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.295	—	0.343	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.295	—	—	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.295	—	3.43	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.91	—	75000	—	µg/L	—	5.91	Y	U	UJ	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	75000	—	µg/L	—	6.0	Y	U	UJ	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.95	—	2000	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.95	—	59	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.95	—	0.137	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.295	—	6	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	6	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.3	—	750	18.7*r	µg/L	—	15.0	Y	J	J	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	21.5	—	750	18.7*r	µg/L	—	15.0	Y	J	J	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.95	—	—	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.295	—	160	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.603	1.42	—	2.93*r	pCi/L	5.0	—	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.11	1.32	—	2.93*r	pCi/L	4.19	—	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	250	2.7	mg/L	—	0.067	Y	—	J-	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General	EPA:300.0	Chloride	Cl(-1)	Y	1.92	—	250	2.7	mg/L	—	0.067	Y	—	J-	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.95	—	1400	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.25	—	3.7	—	µg/L	—	3.25	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.404	—	733	—	µg/L	—	0.404	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.95	—	91	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.95	—	—	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.295	—	34.3	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.555	2.06	—	2.65*r	pCi/L	7.3	—	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.634	1.42	—	2.65*r	pCi/L	5.72	—	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.295	—	0.0343	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.95	—	7.9	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.95	—	600	—	µg/L	—	2.95	Y	U	UJ	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.95	—	—	—	µg/L	—	2.95	Y	U	UJ	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.95	—	75	—	µg/L	—	2.95	Y	U	UJ	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.95	—	1.25	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.95	—	45.3	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.295	—	14800	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.295	—	612	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.95	—	354	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.295	—	885	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.95	—	1.52	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.92	—	38.7	—	µg/L	—	4.92	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.95	—	2.37	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.95	—	0.485	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.295	—	200	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.95	—	7	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.95	—	4.59	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.95	—	122	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.95	—	0.78	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.0	—	0.78	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.295	—	802	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.295	—	288	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.233	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General	EPA:300.0	Fluoride	F(-1)	Y	0.234	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.995	0.812	15	2.012*r	pCi/L	2.84	—	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.996	0.858	15	2.012*r	pCi/L	2.97	—	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.06	0.832	—	—	pCi/L	2.57	—	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.0	0.853	—	—	pCi/L	2.68	—	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.95	—	1	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.95	—	1.39	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.95	—	50	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.95	—	3.28	—	µg/L	—	2.95	Y	U	UJ	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.295	—	0.343	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-276	CAMO-21-208963	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.45	—	781	—	µg/L	—	3.45	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.14	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.18	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.84	—	200	—	µg/L	—	2.0	Y	J	J	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.9	—	200	—	µg/L	—	2.0	Y	J	J	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.295	—	11.4	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.295	—	35.1	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.95	—	930	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.64	—	930	—	µg/L	—	3.64	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	930	—	µg/L	—	3.7	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.39	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.31	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.295	—	1.65	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.32	2.39	—	—	pCi/L	9.49	—	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.54	2.75	—	—	pCi/L	10.1	—	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.9	µg/L	—	0.6	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.9	µg/L	—	0.6	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.37	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.378	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.95	—	190	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.95	—	—	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.95	—	38	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.95	—	1.4	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.95	—	—	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.95	—	—	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.95	—	0.00167	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-277	CAMO-21-208963	SwRI
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-277	CAMO-21-208965	SwRI
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.95	—	0.00491	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-277	CAMO-21-208963	SwRI
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-277	CAMO-21-208965	SwRI
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.95	—	0.0273	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2021-277	CAMO-21-208963	SwRI
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2021-277	CAMO-21-208965	SwRI
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.95	—	0.11	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-277	CAMO-21-208963	SwRI
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-277	CAMO-21-208965	SwRI
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.95	—	0.37	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-277	CAMO-21-208963	SwRI
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-277	CAMO-21-208965	SwRI
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.95	—	9.81	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.95	—	3.07	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.95	—	1	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.293	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.288	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.567	—	70	—	ng/L	—	0.567	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.582	—	70	—	ng/L	—	0.582	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.687	—	70	—	ng/L	—	0.687	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.705	—	70	—	ng/L	—	0.705	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.687	—	70	—	ng/L	—	0.687	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.705	—	70	—	ng/L	—	0.705	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.295	—	170	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.95	—	5	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0142	0.0158	—	—	pCi/L	0.0655	—	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00287	0.0131	—	—	pCi/L	0.0664	—	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0283	0.0127	—	—	pCi/L	0.0732	—	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0143	0.0125	—	—	pCi/L	0.0741	—	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.78	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.75	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	40.3	18.4	—	—	pCi/L	38.4	—	Y	UI	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	30.8	21.7	—	—	pCi/L	86.0	—	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.95	—	250	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.295	—	117	—	µg/L	—	0.295	Y	U	U	N3B-2021-276	CAMO-21-208963	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.95	—	20	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.438	0.134	5	—	pCi/L	0.337	—	Y	—	NQ	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.71	0.307	5	—	pCi/L	0.317	—	Y	—	NQ	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	0.438	0.177	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	2.71	0.334	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.118	0.115	5	—	pCi/L	0.469	—	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.0825	0.133	5	—	pCi/L	0.515	—	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.6	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.5	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.88	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	9.84	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.844	1.99	—	—	pCi/L	6.93	—	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.598	1.36	—	—	pCi/L	5.52	—	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	131.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	133.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.2	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.8	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.124	0.141	8	—	pCi/L	0.487	—	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0837	0.133	8	—	pCi/L	0.486	—	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	1.89	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General	EPA:300.0	Sulfate	SO4(-2)	Y	1.88	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.95	—	20	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.95	—	1.66	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.95	—	240	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	8.08	—	12000	—	µg/L	—	2.5	N	J	R	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1.0	—	12000	—	µg/L	—	1.0	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	9.17	—	12000	—	µg/L	—	2.5	N	J	R	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Tin	Sn	N	1.0	—	12000	—	µg/L	—	1.0	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	149.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General	EPA:160.1	Total Dissolved Solids	TDS	Y	156.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.056	—	—	—	mg/L	—	0.033	Y	J	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0628	—	—	—	mg/L	—	0.033	Y	J	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-276	CAMO-21-208963	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-21	888.8	10/30/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	mg/L	—	0.02	Y	U	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	mg/L	—	0.02	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.95	—	70	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.95	—	1170	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.95	—	11.9	—	µg/L	—	2.95	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.014	0.912	20000	—	pCi/L	3.1	—	Y	U	U	N3B-2021-302	CAMO-21-208963	ARSL
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.945	0.879	20000	—	pCi/L	2.989	—	Y	U	U	N3B-2021-302	CAMO-21-208965	ARSL
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.37	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.361	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.148	0.0504	27.2	0.715	pCi/L	0.241	—	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.223	0.0505	27.2	0.715	pCi/L	0.18	—	Y	—	NQ	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0196	0.0276	28.8	—	pCi/L	0.208	—	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0262	0.0236	28.8	—	pCi/L	0.156	—	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.15	0.0489	30	—	pCi/L	0.219	—	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.165	0.0419	30	—	pCi/L	0.164	—	Y	—	NQ	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.78	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.87	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	12.6	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	5.99	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-276	CAMO-21-208964	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.1	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206495	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.23	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	70.5	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0271	0.0136	—	0.0167*r	pCi/L	0.0744	—	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0199	—	—	0.1*r	mg/L	—	0.017	Y	J	J	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	15.0	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.01	—	75000	—	µg/L	—	6.01	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	6	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*r	µg/L	—	15.0	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-1906	CAPA-20-206485	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.69	1.77	—	2.93*r	pCi/L	5.78	—	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	4.26	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.83	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.886	1.58	—	2.65*r	pCi/L	7.38	—	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.01	—	38.7	—	µg/L	—	5.01	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.0	—	0.78	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.42	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.563	0.728	15	2.012*r	pCi/L	2.78	—	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.453	0.567	—	—	pCi/L	2.02	—	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-176	CAPA-21-208968	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.45	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	930	—	µg/L	—	3.7	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.52	—	1000	2.5	µg/L	—	0.2	Y	—	J+	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.148	3.59	—	—	pCi/L	12.5	—	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.9	µg/L	—	0.6	Y	J	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.16	—	10	0.769	mg/L	—	0.085	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-178	CAPA-21-208968	SwRI
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-178	CAPA-21-208968	SwRI
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2021-178	CAPA-21-208968	SwRI
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-178	CAPA-21-208968	SwRI
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23	816.0	10/21/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-178	CAPA-21-208968	SwRI
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.442	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.576	—	70	—	ng/L	—	0.576	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.698	—	70	—	ng/L	—	0.698	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.698	—	70	—	ng/L	—	0.698	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00329	0.0136	—	—	pCi/L	0.0763	—	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0231	0.00988	—	—	pCi/L	0.0852	—	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	—	2.39	mg/L	—	0.05	Y	—	J+	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-66.9	22.9	—	—	pCi/L	72.2	—	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.698	0.205	5	—	pCi/L	0.505	—	Y	—	NQ	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	0.698	0.231	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.126	0.106	5	—	pCi/L	0.449	—	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.26	1.92	—	—	pCi/L	9.35	—	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	172.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.7	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.418	0.157	8	—	pCi/L	0.495	—	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	6.27	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	N	U	R	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1.0	—	12000	—	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC

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R-23	816.0	10/21/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	144.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0709	—	—	—	mg/L	—	0.033	Y	J	J+	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0942	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.935	0.926	20000	—	pCi/L	2.866	—	Y	U	U	N3B-2021-219	CAPA-21-208968	ARSL
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.417	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.388	0.0556	27.2	0.715	pCi/L	0.137	—	Y	—	NQ	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.02	0.017	28.8	—	pCi/L	0.118	—	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.143	0.0323	30	—	pCi/L	0.124	—	Y	—	NQ	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.79	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1906	CAPA-20-206495	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	23.7	—	10000	—	µg/L	—	3.3	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.304	—	535	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.304	—	—	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.83	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.44	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	72.2	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00965	0.00747	—	0.0167*r	pCi/L	0.035	—	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0313	—	—	0.1*r	mg/L	—	0.017	Y	J	J	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.26	—	130	—	µg/L	—	4.26	Y	U	UJ	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.304	—	1720	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.04	—	3	—	µg/L	—	3.04	Y	U	UJ	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.8	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.95	—	0.00109	—	µg/L	—	3.95	Y	U	UJ	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.304	—	0.12	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.304	—	0.2	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.304	—	0.343	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.304	—	—	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.304	—	3.43	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.08	—	75000	—	µg/L	—	6.08	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.04	—	2000	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.04	—	59	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.04	—	0.137	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.304	—	6	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*r	µg/L	—	15.0	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.304	—	160	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.8	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N		0.908	—	2.93*r	pCi/L	3.45	—	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	3.03	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.04	—	1400	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.34	—	3.7	—	µg/L	—	3.34	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.415	—	733	—	µg/L	—	0.415	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.04	—	91	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.304	—	34.3	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.82	1.01	—	2.65*r	pCi/L	4.77	—	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.304	—	0.0343	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.04	—	7.9	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.04	—	600	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.04	—	75	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.04	—	1.25	—	µg/L	—	3.04	Y	U	UJ	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.04	—	45.3	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.304	—	14800	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.304	—	612	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.04	—	354	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.304	—	885	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.04	—	1.52	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.07	—	38.7	—	µg/L	—	5.07	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.04	—	2.37	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.04	—	0.485	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.304	—	200	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.04	—	7	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.04	—	4.59	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.695	—	4.59	—	µg/L	—	0.1	Y	—	NQ	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.04	—	122	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.04	—	0.78	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.304	—	802	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.304	—	288	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.386	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.26	0.687	15	2.012*r	pCi/L	2.9	—	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.498	0.656	—	—	pCi/L	2.32	—	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.04	—	1	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.04	—	1.39	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.04	—	50	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.04	—	3.28	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.304	—	0.343	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.55	—	781	—	µg/L	—	3.55	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.94	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.304	—	11.4	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.304	—	35.1	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.04	—	930	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.75	—	930	—	µg/L	—	3.75	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.38	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.304	—	1.65	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.95	1.89	—	—	pCi/L	7.86	—	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.22	—	200	2.9	µg/L	—	0.6	Y	J	J	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.04	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.04	—	190	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.04	—	38	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.04	—	1.4	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.04	—	—	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.04	—	0.00167	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000358	—	0.00167	—	µg/L	—	0.00018	Y	J	J	N3B-2021-74	CAPA-21-208971	SwRI
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.04	—	0.00491	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.00391	—	0.00491	—	µg/L	—	0.00036	Y	—	J	N3B-2021-74	CAPA-21-208971	SwRI
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.04	—	0.0273	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.000703	—	0.0273	—	µg/L	—	0.00047	Y	—	U	N3B-2021-74	CAPA-21-208971	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.04	—	0.11	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-74	CAPA-21-208971	SwRI
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.04	—	0.37	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-74	CAPA-21-208971	SwRI
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.04	—	9.81	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.04	—	3.07	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.04	—	1	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.343	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.574	—	70	—	ng/L	—	0.574	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.696	—	70	—	ng/L	—	0.696	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.696	—	70	—	ng/L	—	0.696	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.304	—	170	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.04	—	5	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0022	0.00906	—	—	pCi/L	0.0478	—	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.011	0.00851	—	—	pCi/L	0.0647	—	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.61	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.61	14.4	—	—	pCi/L	58.1	—	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.04	—	250	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.304	—	117	—	µg/L	—	0.304	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.04	—	20	—	µg/L	—	3.04	Y	U	UJ	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.311	0.0994	5	—	pCi/L	0.246	—	Y	—	NQ	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	0.343	0.193	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0313	0.165	5	—	pCi/L	0.605	—	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.3	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.141	0.977	—	—	pCi/L	3.89	—	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	160.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	75.5	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.109	0.114	8	—	pCi/L	0.434	—	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	4.71	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.04	—	20	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.04	—	1.66	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.04	—	240	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	140.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	Y	0.442	—	—	1.08	mg/L	—	0.33	Y	J	J	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.107	—	—	—	mg/L	—	0.02	Y	—	NQ	N3B-2021-73	CAPA-21-208970	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.04	—	70	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.04	—	1170	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.04	—	11.9	—	µg/L	—	3.04	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.485	0.927	20000	—	pCi/L	3.092	—	Y	U	U	N3B-2021-96	CAPA-21-208971	ARSL
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.61	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.47	0.0363	27.2	0.715	pCi/L	0.0562	—	Y	—	NQ	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0237	0.0111	28.8	—	pCi/L	0.0365	—	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.206	0.0247	30	—	pCi/L	0.0502	—	Y	—	NQ	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.64	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	11.3	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-73	CAPA-21-208970	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.306	—	535	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.306	—	—	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	6.1	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	64.6	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0134	0.0129	—	0.0167*r	pCi/L	0.059	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*r	mg/L	—	0.017	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.28	—	130	—	µg/L	—	4.28	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.306	—	1720	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.06	—	3	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.9	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.97	—	0.00109	—	µg/L	—	3.97	Y	U	UJ	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.306	—	0.12	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.306	—	0.2	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.306	—	0.343	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.306	—	—	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.306	—	3.43	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	11.3	—	75000	—	µg/L	—	6.11	Y	J	J	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.06	—	2000	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.06	—	59	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.06	—	0.137	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.306	—	6	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.4	—	750	18.7*r	µg/L	—	15.0	Y	J	J	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.06	—	—	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.306	—	160	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.9	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.37	1.57	—	2.93*r	pCi/L	6.09	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	2.45	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.06	—	1400	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.36	—	3.7	—	µg/L	—	3.36	Y	U	U	N3B-2021-111	CAMO-21-208974	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.418	—	733	—	µg/L	—	0.418	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.06	—	91	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.06	—	—	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.93	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.306	—	34.3	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.02	1.49	—	2.65*r	pCi/L	6.31	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.306	—	0.0343	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.06	—	7.9	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.06	—	600	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.06	—	—	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.06	—	75	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.06	—	1.25	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.06	—	45.3	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.306	—	14800	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.306	—	612	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.06	—	354	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.306	—	885	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.06	—	1.52	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.09	—	38.7	—	µg/L	—	5.09	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.06	—	2.37	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.06	—	0.485	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.306	—	200	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.06	—	7	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.06	—	4.59	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.06	—	122	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.06	—	0.78	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.306	—	802	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.306	—	288	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.346	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.374	0.506	15	2.012*r	pCi/L	2.81	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.24	0.719	—	—	pCi/L	2.34	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	45.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.06	—	1	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.06	—	1.39	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.06	—	50	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.06	—	3.28	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.306	—	0.343	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.57	—	781	—	µg/L	—	3.57	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-111	CAMO-21-208973	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.24	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.306	—	11.4	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.306	—	35.1	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.06	—	930	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.77	—	930	—	µg/L	—	3.77	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.48	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.306	—	1.65	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.916	2.55	—	—	pCi/L	9.72	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.03	—	200	2.9	µg/L	—	0.6	Y	J	J	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.614	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.06	—	190	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.06	—	—	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.06	—	38	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.06	—	1.4	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.06	—	—	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.06	—	—	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.06	—	0.00167	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-121	CAMO-21-208974	SwRI
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.06	—	0.00491	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-121	CAMO-21-208974	SwRI
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.06	—	0.0273	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00135	—	0.0273	—	µg/L	—	0.00047	Y	—	U	N3B-2021-121	CAMO-21-208974	SWRI
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.06	—	0.11	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-121	CAMO-21-208974	SwRI
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.06	—	0.37	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-121	CAMO-21-208974	SwRI
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.06	—	9.81	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.06	—	3.07	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.06	—	1	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.346	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.573	—	70	—	ng/L	—	0.573	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.694	—	70	—	ng/L	—	0.694	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.694	—	70	—	ng/L	—	0.694	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.306	—	170	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.06	—	5	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0106	0.014	—	—	pCi/L	0.0613	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00264	0.0156	—	—	pCi/L	0.0684	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.82	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.5	14.8	—	—	pCi/L	64.1	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.06	—	250	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAMO-21-208974	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.306	—	117	—	µg/L	—	0.306	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.06	—	20	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0448	0.095	5	—	pCi/L	0.362	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.0448	0.262	—	—	pCi/L	—	—	Y	—	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0931	0.244	5	—	pCi/L	0.884	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.4	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.11	1.54	—	—	pCi/L	6.46	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	132.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.0	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.139	0.141	8	—	pCi/L	0.485	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	3.02	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.06	—	20	—	µg/L	—	3.06	Y	U	UJ	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.06	—	1.66	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.06	—	240	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	146.0	—	1000	161	mg/L	—	3.4	Y	—	J+	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.111	—	—	—	mg/L	—	0.02	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.06	—	70	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.06	—	1170	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.06	—	11.9	—	µg/L	—	3.06	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.03	0.989	20000	—	pCi/L	3.069	—	Y	U	U	N3B-2021-219	CAMO-21-208974	ARSL
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.494	—	30	1.19	µg/L	—	0.067	Y	—	J+	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.258	0.0406	27.2	0.715	pCi/L	0.115	—	Y	—	NQ	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0303	0.0172	28.8	—	pCi/L	0.0987	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.101	0.0255	30	—	pCi/L	0.104	—	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.55	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.07	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-111	CAMO-21-208973	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.29	—	535	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.29	—	—	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	3.91	—	14100	—	µg/L	—	1.5	Y	J	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.52	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	62.6	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	61.1	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0105	0.00657	—	0.0167*r	pCi/L	0.0318	—	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00647	0.00835	—	0.0167*r	pCi/L	0.0391	—	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*r	mg/L	—	0.017	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0609	—	—	0.1*r	mg/L	—	0.017	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	UJ	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.06	—	130	—	µg/L	—	4.06	Y	U	UJ	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.29	—	1720	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-73	CAMO-21-208976	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.9	—	3	—	µg/L	—	2.9	Y	U	UJ	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.6	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	30.6	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	UJ	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.77	—	0.00109	—	µg/L	—	3.77	Y	U	UJ	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.29	—	0.12	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.29	—	0.2	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.29	—	0.343	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.29	—	—	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.29	—	3.43	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	75000	—	µg/L	—	6.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.8	—	75000	—	µg/L	—	5.8	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.9	—	2000	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.9	—	59	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.9	—	0.137	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.42	—	6	—	µg/L	—	0.3	Y	J	J	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.657	—	6	—	µg/L	—	0.29	Y	J	J	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*r	µg/L	—	15.0	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*r	µg/L	—	15.0	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.9	—	—	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.29	—	160	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.7	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.9	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.24	1.19	—	2.93*r	pCi/L	4.32	—	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.757	1.1	—	2.93*r	pCi/L	3.98	—	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	3.21	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General	EPA:300.0	Chloride	Cl(-1)	Y	2.72	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.9	—	1400	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.19	—	3.7	—	µg/L	—	3.19	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.396	—	733	—	µg/L	—	0.396	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.9	—	91	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.9	—	—	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.29	—	34.3	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.22	1.11	—	2.65*r	pCi/L	5.34	—	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.889	0.885	—	2.65*r	pCi/L	3.25	—	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.29	—	0.0343	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.9	—	7.9	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.9	—	600	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.9	—	—	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.9	—	75	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.9	—	1.25	—	µg/L	—	2.9	Y	U	UJ	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.9	—	45.3	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.29	—	14800	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.29	—	612	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.9	—	354	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.29	—	885	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.9	—	1.52	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.83	—	38.7	—	µg/L	—	4.83	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.9	—	2.37	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.9	—	0.485	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.29	—	200	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.9	—	7	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.109	—	4.59	—	µg/L	—	0.1	Y	J	J	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.9	—	4.59	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.101	—	4.59	—	µg/L	—	0.1	Y	J	J	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.9	—	122	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.0	—	0.78	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.9	—	0.78	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.29	—	802	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.29	—	288	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	N	0.033	—	1.6	0.377	mg/L	—	0.033	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General	EPA:300.0	Fluoride	F(-1)	Y	0.417	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.135	0.576	15	2.012*r	pCi/L	2.73	—	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.624	0.611	15	2.012*r	pCi/L	2.27	—	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.68	0.725	—	—	pCi/L	2.51	—	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.22	0.687	—	—	pCi/L	2.24	—	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	47.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	48.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.9	—	1	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.9	—	1.39	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.9	—	50	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.9	—	3.28	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.29	—	0.343	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.38	—	781	—	µg/L	—	3.38	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.85	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-73	CAMO-21-208976	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.91	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.29	—	11.4	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.29	—	35.1	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.9	—	930	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	930	—	µg/L	—	3.7	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.58	—	930	—	µg/L	—	3.58	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.54	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.57	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.29	—	1.65	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.0841	2.33	—	—	pCi/L	8.64	—	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.502	2.05	—	—	pCi/L	7.52	—	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.45	—	200	2.9	µg/L	—	0.6	Y	J	J	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.59	—	200	2.9	µg/L	—	0.6	Y	J	J	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.668	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.668	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.9	—	190	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.9	—	—	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.9	—	38	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.9	—	1.4	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.9	—	—	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.9	—	—	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-74	CAMO-21-208977	SwRI
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.9	—	0.00167	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-74	CAMO-21-208979	SwRI
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-74	CAMO-21-208977	SwRI
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.9	—	0.00491	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-74	CAMO-21-208979	SwRI
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2021-74	CAMO-21-208977	SwRI
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.9	—	0.0273	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2021-74	CAMO-21-208979	SwRI
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-74	CAMO-21-208977	SwRI
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.9	—	0.11	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-74	CAMO-21-208979	SwRI
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-74	CAMO-21-208977	SwRI
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.9	—	0.37	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-74	CAMO-21-208979	SwRI
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.9	—	9.81	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.9	—	3.07	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.9	—	1	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.339	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.36	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.61	—	70	—	ng/L	—	0.61	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.596	—	70	—	ng/L	—	0.596	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.739	—	70	—	ng/L	—	0.739	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.723	—	70	—	ng/L	—	0.723	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.739	—	70	—	ng/L	—	0.739	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.723	—	70	—	ng/L	—	0.723	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.29	—	170	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.9	—	5	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00627	0.00753	—	—	pCi/L	0.0454	—	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00763	0.00661	—	—	pCi/L	0.0415	—	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00626	0.0104	—	—	pCi/L	0.0614	—	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00381	0.00894	—	—	pCi/L	0.0561	—	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.45	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.53	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.57	16.8	—	—	pCi/L	66.5	—	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	40.5	18.7	—	—	pCi/L	30.7	—	Y	UI	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.9	—	250	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206501	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.29	—	117	—	µg/L	—	0.29	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.9	—	20	—	µg/L	—	2.9	Y	U	UJ	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0929	0.0657	5	—	pCi/L	0.223	—	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.168	0.0839	5	—	pCi/L	0.258	—	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.352	0.19	—	—	pCi/L	—	—	Y	—	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.168	0.138	—	—	pCi/L	—	—	Y	—	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.259	0.178	5	—	pCi/L	0.596	—	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.259	0.11	5	—	pCi/L	0.515	—	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.4	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.3	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.0	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.75	1.03	—	—	pCi/L	3.19	—	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0402	1.08	—	—	pCi/L	4.1	—	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	142.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	137.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.0	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.6	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0146	0.131	8	—	pCi/L	0.488	—	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0351	0.132	8	—	pCi/L	0.495	—	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	2.93	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General	EPA:300.0	Sulfate	SO4(-2)	Y	2.95	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.9	—	20	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.9	—	1.66	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.9	—	240	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-73	CAMO-21-208976	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	151.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General	EPA:160.1	Total Dissolved Solids	TDS	Y	153.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0387	—	—	—	mg/L	—	0.033	Y	J	J	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.126	—	—	—	mg/L	—	0.02	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0892	—	—	—	mg/L	—	0.02	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.9	—	70	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.9	—	1170	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.9	—	11.9	—	µg/L	—	2.9	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.365	0.797	20000	—	pCi/L	2.663	—	Y	U	U	N3B-2021-96	CAMO-21-208977	ARSL
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.219	0.922	20000	—	pCi/L	3.122	—	Y	U	U	N3B-2021-96	CAMO-21-208979	ARSL
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.376	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.371	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.249	0.0307	27.2	0.715	pCi/L	0.0636	—	Y	—	NQ	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.251	0.0307	27.2	0.715	pCi/L	0.069	—	Y	—	NQ	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0134	0.0116	28.8	—	pCi/L	0.0413	—	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00728	0.0146	28.8	—	pCi/L	0.0448	—	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.109	0.0203	30	—	pCi/L	0.0568	—	Y	—	NQ	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.132	0.0222	30	—	pCi/L	0.0616	—	Y	—	NQ	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.64	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.79	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206501	GELC
R-38	821.2	09/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAMO-20-206503	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	12.1	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	15.9	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-73	CAMO-21-208978	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.305	—	535	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.307	—	535	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.305	—	—	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.307	—	—	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.21	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	63.8	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	83.7	—	5000	68*r	µg/L	—	68.0	Y	J	J	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00642	0.0136	—	0.0167*r	pCi/L	0.0704	—	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.048	—	—	0.1*r	mg/L	—	0.017	Y	J	J	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.28	—	130	—	µg/L	—	4.28	N	U	UJ	N3B-2021-176	CAPA-21-208982	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.3	—	130	—	µg/L	—	4.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.305	—	1720	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.307	—	1720	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.05	—	3	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.07	—	3	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	N	1.0	—	2000	38.1	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.97	—	0.00109	—	µg/L	—	3.97	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.99	—	0.00109	—	µg/L	—	3.99	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.305	—	0.12	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.307	—	0.12	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.305	—	0.2	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.307	—	0.2	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.305	—	0.343	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.307	—	0.343	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.305	—	—	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.307	—	—	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.305	—	3.43	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.307	—	3.43	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.11	—	75000	—	µg/L	—	6.11	Y	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.14	—	75000	—	µg/L	—	6.14	N	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.05	—	2000	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.07	—	2000	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.05	—	59	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.07	—	59	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.05	—	0.137	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.07	—	0.137	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	2.33	—	6	—	µg/L	—	0.305	N	—	J-	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	3.08	—	6	—	µg/L	—	0.307	Y	—	J+	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*r	µg/L	—	15.0	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.05	—	—	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.305	—	160	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.307	—	160	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	0.101	—	—	17.03	mg/L	—	0.05	Y	J	J	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.464	1.13	—	2.93*r	pCi/L	4.17	—	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	2.27	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.05	—	1400	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.07	—	1400	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.36	—	3.7	—	µg/L	—	3.36	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.38	—	3.7	—	µg/L	—	3.38	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.417	—	733	—	µg/L	—	0.417	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.42	—	733	—	µg/L	—	0.42	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.05	—	91	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.07	—	91	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.05	—	—	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.25	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.305	—	34.3	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.307	—	34.3	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0236	1.34	—	2.65*r	pCi/L	5.0	—	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.305	—	0.0343	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.307	—	0.0343	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.05	—	7.9	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.07	—	7.9	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.05	—	600	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.07	—	600	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.05	—	—	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.05	—	75	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.07	—	75	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.05	—	1.25	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.07	—	1.25	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.05	—	45.3	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.07	—	45.3	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.305	—	14800	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.307	—	14800	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.305	—	612	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.307	—	612	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.05	—	354	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.07	—	354	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.305	—	885	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.307	—	885	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.05	—	1.52	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.07	—	1.52	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.09	—	38.7	—	µg/L	—	5.09	Y	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.12	—	38.7	—	µg/L	—	5.12	N	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.05	—	2.37	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.07	—	2.37	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.05	—	0.485	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.07	—	0.485	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.305	—	200	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.307	—	200	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.05	—	7	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.07	—	7	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.05	—	4.59	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.07	—	4.59	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.05	—	122	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.07	—	122	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.05	—	0.78	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.07	—	0.78	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.305	—	802	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.307	—	802	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.305	—	288	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.307	—	288	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.375	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.417	0.61	15	2.012*r	pCi/L	2.4	—	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.77	0.912	—	—	pCi/L	2.69	—	Y	—	NQ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	N	0.453	—	—	67.1	mg/L	—	0.453	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.05	—	1	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.07	—	1	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.05	—	1.39	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.07	—	1.39	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.05	—	50	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.07	—	50	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.05	—	3.28	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.07	—	3.28	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.305	—	0.343	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.307	—	0.343	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	54.6	—	1000	—	µg/L	—	30.0	Y	J	J	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.56	—	781	—	µg/L	—	3.56	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.58	—	781	—	µg/L	—	3.58	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	N	0.11	—	—	4.18	mg/L	—	0.11	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.41	—	200	—	µg/L	—	2.0	Y	J	J	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208982	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.305	—	11.4	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.307	—	11.4	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.305	—	35.1	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.307	—	35.1	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.05	—	930	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.07	—	930	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.77	—	930	—	µg/L	—	3.77	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.79	—	930	—	µg/L	—	3.79	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.4	—	1000	2.5	µg/L	—	0.2	Y	—	J+	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.305	—	1.65	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.307	—	1.65	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.151	2.11	—	—	pCi/L	7.51	—	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	1.22	—	200	2.9	µg/L	—	0.6	Y	J	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.593	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.05	—	190	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.07	—	190	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.05	—	—	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.05	—	38	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.07	—	38	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.05	—	1.4	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.07	—	1.4	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.05	—	—	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.05	—	—	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.07	—	—	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.05	—	0.00167	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.07	—	0.00167	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-178	CAPA-21-208982	SwRI
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.05	—	0.00491	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.07	—	0.00491	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-178	CAPA-21-208982	SwRI
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.05	—	0.0273	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.07	—	0.0273	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000492	—	0.0273	—	µg/L	—	0.00047	Y	J	J	N3B-2021-178	CAPA-21-208982	SwRI
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.05	—	0.11	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.07	—	0.11	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-178	CAPA-21-208982	SwRI
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.05	—	0.37	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.07	—	0.37	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-178	CAPA-21-208982	SwRI
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.05	—	9.81	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.07	—	9.81	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.05	—	3.07	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.07	—	3.07	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.05	—	1	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.07	—	1	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.56	—	70	—	ng/L	—	0.56	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.679	—	70	—	ng/L	—	0.679	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.679	—	70	—	ng/L	—	0.679	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.305	—	170	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.307	—	170	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.05	—	5	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.07	—	5	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00292	0.012	—	—	pCi/L	0.0675	—	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0146	0.0127	—	—	pCi/L	0.0754	—	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	N	0.0741	—	—	2.39	mg/L	—	0.05	Y	J	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.0	15.5	—	—	pCi/L	59.7	—	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.05	—	250	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.07	—	250	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.305	—	117	—	µg/L	—	0.305	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.307	—	117	—	µg/L	—	0.307	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.05	—	20	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.07	—	20	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.368	0.146	5	—	pCi/L	0.352	—	Y	—	NQ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	0.586	0.215	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.217	0.158	5	—	pCi/L	0.532	—	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	0.327	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	0.273	—	—	16	mg/L	—	0.1	Y	J	J	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.477	1.11	—	—	pCi/L	4.41	—	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	131.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	N	1.0	—	11800	157	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.335	0.118	8	—	pCi/L	0.493	—	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	2.72	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.05	—	20	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.07	—	20	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.05	—	1.66	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.07	—	1.66	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.05	—	240	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.07	—	240	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	N	U	R	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1.0	—	12000	—	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	129.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC

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R-39	859.03	10/21/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0701	—	—	—	mg/L	—	0.033	Y	J	J+	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	Y	0.331	—	—	1.08	mg/L	—	0.33	Y	J	J	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0757	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.05	—	70	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.07	—	70	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.05	—	1170	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.07	—	1170	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.05	—	11.9	—	µg/L	—	3.05	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.07	—	11.9	—	µg/L	—	3.07	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.953	0.817	20000	—	pCi/L	2.769	—	Y	U	U	N3B-2021-219	CAPA-21-208982	ARSL
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.223	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.118	0.0333	27.2	0.715	pCi/L	0.133	—	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0349	0.0198	28.8	—	pCi/L	0.114	—	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0754	0.0242	30	—	pCi/L	0.121	—	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1.0	—	63.1	—	µg/L	—	1.0	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	09/24/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1896	CAPA-20-206489	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	—	µg/L	—	3.3	Y	U	U	N3B-2021-176	CAPA-21-208981	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.296	—	535	—	µg/L	—	0.296	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.296	—	—	—	µg/L	—	0.296	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	61.5	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0158	0.0114	—	0.0167*r	pCi/L	0.0693	—	Y	U	U	N3B-2021-190	CAPA-21-208872	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.018	—	—	0.1*r	mg/L	—	0.017	Y	J	J	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.14	—	130	—	µg/L	—	4.14	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.296	—	1720	—	µg/L	—	0.296	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.96	—	3	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.0	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.85	—	0.00109	—	µg/L	—	3.85	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.296	—	0.12	—	µg/L	—	0.296	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.296	—	0.2	—	µg/L	—	0.296	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.296	—	0.343	—	µg/L	—	0.296	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.296	—	—	—	µg/L	—	0.296	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.296	—	3.43	—	µg/L	—	0.296	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.92	—	75000	—	µg/L	—	5.92	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.96	—	2000	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.96	—	59	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.96	—	0.137	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.296	—	6	—	µg/L	—	0.296	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*r	µg/L	—	15.0	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.96	—	—	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.296	—	160	—	µg/L	—	0.296	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	17.03	mg/L	—	0.05	Y	—	J-	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.827	1.01	—	2.93*r	pCi/L	3.52	—	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	2.01	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.96	—	1400	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.26	—	3.7	—	µg/L	—	3.26	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.405	—	733	—	µg/L	—	0.405	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.96	—	91	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.96	—	—	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.296	—	34.3	—	µg/L	—	0.296	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.109	0.955	—	2.65*r	pCi/L	3.84	—	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.296	—	0.0343	—	µg/L	—	0.296	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.96	—	7.9	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.96	—	600	—	µg/L	—	2.96	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.96	—	—	—	µg/L	—	2.96	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.96	—	75	—	µg/L	—	2.96	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.96	—	1.25	—	µg/L	—	2.96	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.96	—	45.3	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.296	—	14800	—	µg/L	—	0.296	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.296	—	612	—	µg/L	—	0.296	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.96	—	354	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.296	—	885	—	µg/L	—	0.296	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.96	—	1.52	—	µg/L	—	2.96	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.93	—	38.7	—	µg/L	—	4.93	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.96	—	2.37	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.96	—	0.485	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.296	—	200	—	µg/L	—	0.296	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.96	—	7	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.96	—	4.59	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.96	—	122	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.96	—	0.78	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.296	—	802	—	µg/L	—	0.296	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.296	—	288	—	µg/L	—	0.296	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.222	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.58	0.987	15	2.012*r	pCi/L	2.71	—	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.639	0.678	—	—	pCi/L	2.35	—	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	40.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.96	—	1	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.96	—	1.39	—	µg/L	—	2.96	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.96	—	50	—	µg/L	—	2.96	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.96	—	3.28	—	µg/L	—	2.96	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.296	—	0.343	—	µg/L	—	0.296	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.45	—	781	—	µg/L	—	3.45	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.98	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.296	—	11.4	—	µg/L	—	0.296	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.296	—	35.1	—	µg/L	—	0.296	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.96	—	930	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.65	—	930	—	µg/L	—	3.65	Y	U	U	N3B-2021-190	CAPA-21-208872	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.54	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.296	—	1.65	—	µg/L	—	0.296	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.91	2.0	—	—	pCi/L	6.97	—	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.9	µg/L	—	0.6	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.53	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.96	—	190	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.96	—	—	—	µg/L	—	2.96	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.96	—	38	—	µg/L	—	2.96	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.96	—	1.4	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.96	—	—	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.96	—	—	—	µg/L	—	2.96	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.96	—	0.00167	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-222	CAPA-21-208872	SwRI
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.96	—	0.00491	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-222	CAPA-21-208872	SwRI
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.96	—	0.0273	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2021-222	CAPA-21-208872	SwRI
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.96	—	0.11	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-222	CAPA-21-208872	SwRI
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.96	—	0.37	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-222	CAPA-21-208872	SwRI
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.96	—	9.81	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.96	—	3.07	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.96	—	1	—	µg/L	—	2.96	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.313	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.574	—	70	—	ng/L	—	0.574	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.696	—	70	—	ng/L	—	0.696	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.696	—	70	—	ng/L	—	0.696	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.296	—	170	—	µg/L	—	0.296	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.96	—	5	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00949	0.0178	—	—	pCi/L	0.11	—	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N		0.019	—	—	pCi/L	0.123	—	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.52	—	—	2.39	mg/L	—	0.05	Y	—	J+	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.46	14.7	—	—	pCi/L	59.6	—	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.96	—	250	—	µg/L	—	2.96	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.296	—	117	—	µg/L	—	0.296	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.96	—	20	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.631	0.23	5	—	pCi/L	0.649	—	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.631	0.28	—	—	pCi/L	—	—	Y	—	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.25	0.159	5	—	pCi/L	0.666	—	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.82	—	—	16	mg/L	—	0.1	Y	—	J+	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.796	0.885	—	—	pCi/L	3.25	—	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	123.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51.0	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.112	0.129	8	—	pCi/L	0.483	—	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	2.03	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.96	—	20	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.96	—	1.66	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.96	—	240	—	µg/L	—	2.96	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	62.9	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0757	—	—	—	mg/L	—	0.033	Y	J	J+	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.081	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.96	—	70	—	µg/L	—	2.96	Y	U	UJ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.96	—	1170	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.96	—	11.9	—	µg/L	—	2.96	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.377	0.827	20000	—	pCi/L	2.807	—	Y	U	U	N3B-2021-220	CAPA-21-208872	ARSL
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.281	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.24	0.0444	27.2	0.715	pCi/L	0.129	—	Y	—	NQ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00383	0.00932	28.8	—	pCi/L	0.111	—	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.098	0.0286	30	—	pCi/L	0.118	—	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.63	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1882	CAPA-20-206491	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.43	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-190	CAPA-21-208873	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.299	—	535	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.293	—	535	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.299	—	—	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.293	—	—	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	5.66	—	14100	—	µg/L	—	1.5	Y	J	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.25	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.29	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208986	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	68.7	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	67.3	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0141	0.00996	—	0.0167*r	pCi/L	0.0773	—	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00856	0.00946	—	0.0167*r	pCi/L	0.0626	—	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0419	—	—	0.1*r	mg/L	—	0.017	Y	J	J	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.104	—	—	0.1*r	mg/L	—	0.017	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.19	—	130	—	µg/L	—	4.19	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.1	—	130	—	µg/L	—	4.1	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.299	—	1720	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.293	—	1720	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.99	—	3	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.93	—	3	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.0	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	20.0	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.89	—	0.00109	—	µg/L	—	3.89	Y	U	UJ	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.81	—	0.00109	—	µg/L	—	3.81	Y	U	UJ	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.299	—	0.12	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.293	—	0.12	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.299	—	0.2	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.293	—	0.2	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.299	—	0.343	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.293	—	0.343	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.299	—	—	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.293	—	—	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.299	—	3.43	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.293	—	3.43	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	11.0	—	75000	—	µg/L	—	5.99	Y	J	J	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	11.0	—	75000	—	µg/L	—	5.86	Y	J	J	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.99	—	2000	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.93	—	2000	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.99	—	59	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.93	—	59	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.99	—	0.137	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.93	—	0.137	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.299	—	6	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.293	—	6	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.1	—	750	18.7*r	µg/L	—	15.0	Y	J	J	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	15.0	—	750	18.7*r	µg/L	—	15.0	Y	J	J	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.99	—	—	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.93	—	—	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.299	—	160	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.293	—	160	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.6	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.6	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.449	1.26	—	2.93*r	pCi/L	4.63	—	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.305	1.13	—	2.93*r	pCi/L	4.34	—	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	3.13	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General	EPA:300.0	Chloride	Cl(-1)	Y	3.13	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.99	—	1400	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.93	—	1400	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.29	—	3.7	—	µg/L	—	3.29	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.22	—	3.7	—	µg/L	—	3.22	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.409	—	733	—	µg/L	—	0.409	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.4	—	733	—	µg/L	—	0.4	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.99	—	91	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.93	—	91	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.99	—	—	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.93	—	—	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.43	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.87	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.299	—	34.3	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.293	—	34.3	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.24	1.05	—	2.65*r	pCi/L	4.16	—	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.4	2.08	—	2.65*r	pCi/L	4.65	—	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.299	—	0.0343	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.293	—	0.0343	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.99	—	7.9	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.93	—	7.9	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.99	—	600	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.93	—	600	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.99	—	—	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.93	—	—	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.99	—	75	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.93	—	75	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.99	—	1.25	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.93	—	1.25	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.99	—	45.3	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.93	—	45.3	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.299	—	14800	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.293	—	14800	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.299	—	612	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.293	—	612	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.99	—	354	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.93	—	354	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.299	—	885	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.293	—	885	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.99	—	1.52	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.93	—	1.52	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.99	—	38.7	—	µg/L	—	4.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.88	—	38.7	—	µg/L	—	4.88	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.99	—	2.37	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.93	—	2.37	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.99	—	0.485	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.93	—	0.485	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.299	—	200	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.293	—	200	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.99	—	7	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.93	—	7	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.99	—	4.59	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.93	—	4.59	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.99	—	122	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.93	—	122	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.99	—	0.78	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.93	—	0.78	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.299	—	802	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.293	—	802	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.299	—	288	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.293	—	288	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.371	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General	EPA:300.0	Fluoride	F(-1)	Y	0.397	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.149	0.541	15	2.012*r	pCi/L	2.81	—	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.774	0.301	15	2.012*r	pCi/L	2.62	—	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.49	0.756	—	—	pCi/L	2.15	—	Y	—	NQ	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	-0.196	0.548	—	—	pCi/L	2.17	—	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	53.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	52.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.99	—	1	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.93	—	1	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.99	—	1.39	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.93	—	1.39	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.99	—	50	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.93	—	50	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.99	—	3.28	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.93	—	3.28	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.299	—	0.343	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.293	—	0.343	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.49	—	781	—	µg/L	—	3.49	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.42	—	781	—	µg/L	—	3.42	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.0	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208986	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.299	—	11.4	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.293	—	11.4	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.299	—	35.1	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.293	—	35.1	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.99	—	930	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.93	—	930	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.69	—	930	—	µg/L	—	3.69	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.61	—	930	—	µg/L	—	3.61	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.57	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.86	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.299	—	1.65	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.293	—	1.65	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.545	2.2	—	—	pCi/L	7.93	—	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.258	2.3	—	—	pCi/L	8.22	—	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.52	—	200	2.9	µg/L	—	0.6	Y	J	J	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.57	—	200	2.9	µg/L	—	0.6	Y	J	J	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.747	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.75	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.99	—	190	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.93	—	190	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.99	—	—	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.93	—	—	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.99	—	38	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.93	—	38	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.99	—	1.4	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.93	—	1.4	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.99	—	—	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.93	—	—	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.99	—	—	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.93	—	—	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.99	—	0.00167	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000183	—	0.00167	—	µg/L	—	0.00018	Y	J	J	N3B-2021-121	CAPA-21-208986	SwRI
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.93	—	0.00167	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000215	—	0.00167	—	µg/L	—	0.00018	Y	J	J	N3B-2021-121	CAPA-21-208988	SwRI
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.99	—	0.00491	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.000371	—	0.00491	—	µg/L	—	0.00036	Y	J	U	N3B-2021-121	CAPA-21-208986	SWRI
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.93	—	0.00491	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.000371	—	0.00491	—	µg/L	—	0.00036	Y	J	U	N3B-2021-121	CAPA-21-208988	SWRI
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.99	—	0.0273	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00122	—	0.0273	—	µg/L	—	0.00047	Y	—	U	N3B-2021-121	CAPA-21-208986	SWRI
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.93	—	0.0273	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00102	—	0.0273	—	µg/L	—	0.00047	Y	—	U	N3B-2021-121	CAPA-21-208988	SWRI
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.99	—	0.11	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-121	CAPA-21-208986	SwRI
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.93	—	0.11	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-121	CAPA-21-208988	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.99	—	0.37	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-121	CAPA-21-208986	SwRI
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.93	—	0.37	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-121	CAPA-21-208988	SwRI
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.99	—	9.81	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.93	—	9.81	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.99	—	3.07	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.93	—	3.07	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.99	—	1	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.93	—	1	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.385	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.376	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.615	—	70	—	ng/L	—	0.615	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.608	—	70	—	ng/L	—	0.608	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.745	—	70	—	ng/L	—	0.745	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.737	—	70	—	ng/L	—	0.737	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.745	—	70	—	ng/L	—	0.745	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.737	—	70	—	ng/L	—	0.737	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.299	—	170	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.293	—	170	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.99	—	5	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.93	—	5	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0109	0.0109	—	—	pCi/L	0.0505	—	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.013	0.00934	—	—	pCi/L	0.06	—	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00872	0.0102	—	—	pCi/L	0.0564	—	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0155	0.0104	—	—	pCi/L	0.067	—	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.76	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.78	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-28.3	14.4	—	—	pCi/L	54.3	—	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	17.8	18.0	—	—	pCi/L	71.5	—	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.99	—	250	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.93	—	250	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.299	—	117	—	µg/L	—	0.299	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.293	—	117	—	µg/L	—	0.293	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.99	—	20	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.93	—	20	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.115	0.0815	5	—	pCi/L	0.276	—	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.395	0.126	5	—	pCi/L	0.324	—	Y	—	NQ	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.115	0.193	—	—	pCi/L	—	—	Y	—	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	0.442	0.185	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.439	0.175	5	—	pCi/L	0.734	—	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.0472	0.135	5	—	pCi/L	0.493	—	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.2	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.3	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.115	1.07	—	—	pCi/L	3.59	—	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.264	1.13	—	—	pCi/L	4.07	—	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	146.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	146.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	67.9	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	68.7	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0929	0.131	8	—	pCi/L	0.498	—	Y	U	U	N3B-2021-111	CAPA-21-208986	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.21	0.122	8	—	pCi/L	0.483	—	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	4.37	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General	EPA:300.0	Sulfate	SO4(-2)	Y	4.22	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.99	—	20	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.93	—	20	—	µg/L	—	2.93	Y	U	UJ	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.99	—	1.66	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.93	—	1.66	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.99	—	240	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.93	—	240	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.24	—	12000	—	µg/L	—	2.5	Y	J	J	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	164.0	—	1000	161	mg/L	—	3.4	Y	—	J+	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General	EPA:160.1	Total Dissolved Solids	TDS	Y	134.0	—	1000	161	mg/L	—	3.4	Y	—	J+	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.085	—	—	—	mg/L	—	0.033	Y	J	J+	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.121	—	—	—	mg/L	—	0.02	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.122	—	—	—	mg/L	—	0.02	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.99	—	70	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.93	—	70	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.99	—	1170	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.93	—	1170	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.99	—	11.9	—	µg/L	—	2.99	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.93	—	11.9	—	µg/L	—	2.93	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.732	0.834	20000	—	pCi/L	2.751	—	Y	U	U	N3B-2021-219	CAPA-21-208986	ARSL
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.069	0.99	20000	—	pCi/L	3.065	—	Y	U	U	N3B-2021-219	CAPA-21-208988	ARSL
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.402	—	30	1.19	µg/L	—	0.067	Y	—	J+	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.396	—	30	1.19	µg/L	—	0.067	Y	—	J+	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.289	0.0426	27.2	0.715	pCi/L	0.113	—	Y	—	NQ	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.236	0.0501	27.2	0.715	pCi/L	0.194	—	Y	—	NQ	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0166	0.0141	28.8	—	pCi/L	0.0975	—	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00575	0.014	28.8	—	pCi/L	0.167	—	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.124	0.0273	30	—	pCi/L	0.103	—	Y	—	NQ	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.134	0.0375	30	—	pCi/L	0.177	—	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.42	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.44	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	09/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2020-1808	CAPA-20-206493	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.26	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	4.9	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-111	CAPA-21-208987	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	65.5	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0379	0.0125	—	0.0167*r	pCi/L	0.043	—	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0285	—	—	0.1*r	mg/L	—	0.017	Y	J	J	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.76	—	10	2.7*r	µg/L	—	2.0	Y	J	J	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	18.1	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	10.0	—	75000	—	µg/L	—	6.0	Y	J	J	N3B-2021-238	CAPA-21-209008	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	6	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.6	—	750	18.7*r	µg/L	—	15.0	Y	J	J	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.5	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.97	1.44	—	2.93*r	pCi/L	5.93	—	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	2.99	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.51	1.35	—	2.65*r	pCi/L	4.68	—	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.0	—	0.78	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.136	0.543	15	2.012*r	pCi/L	2.68	—	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.36	0.649	—	—	pCi/L	2.43	—	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	52.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.47	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.05	—	5	—	µg/L	—	1.0	Y	J	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	930	—	µg/L	—	3.7	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.66	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.466	2.96	—	—	pCi/L	10.6	—	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.44	—	200	2.9	µg/L	—	0.6	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.725	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-238	CAPA-21-209007	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-239	CAPA-21-209008	SwRI
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-239	CAPA-21-209008	SwRI
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2021-239	CAPA-21-209008	SwRI
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-239	CAPA-21-209008	SwRI
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-239	CAPA-21-209008	SwRI
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.598	—	70	—	ng/L	—	0.598	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.725	—	70	—	ng/L	—	0.725	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.725	—	70	—	ng/L	—	0.725	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0105	0.0105	—	—	pCi/L	0.0456	—	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0105	0.00864	—	—	pCi/L	0.0617	—	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.88	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.55	19.8	—	—	pCi/L	84.2	—	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	-0.223	0.134	5	—	pCi/L	0.682	—	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.108	0.195	—	—	pCi/L	—	—	Y	—	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.108	0.142	5	—	pCi/L	0.504	—	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.0	—	—	16	mg/L	—	0.1	Y	N	J-	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.599	1.72	—	—	pCi/L	6.85	—	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	152.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	62.7	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0559	0.0803	8	—	pCi/L	0.282	—	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	4.22	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	5.35	—	12000	—	µg/L	—	2.5	Y	J	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	160.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.786	—	—	—	mg/L	—	0.033	Y	—	J+	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.081	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	2.984	0.975	20000	—	pCi/L	2.767	—	Y	—	NQ	N3B-2021-248	CAPA-21-209008	ARSL
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.545	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.44	0.049	27.2	0.715	pCi/L	0.101	—	Y	—	NQ	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.012	0.0109	28.8	—	pCi/L	0.0664	—	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.165	0.0313	30	—	pCi/L	0.09	—	Y	—	NQ	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.09	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	11.5	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-238	CAPA-21-209007	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.295	—	535	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.295	—	—	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	63.7	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0301	0.00961	—	0.0167*r	pCi/L	0.0389	—	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0243	—	—	0.1*r	mg/L	—	0.017	Y	J	J	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.14	—	130	—	µg/L	—	4.14	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.295	—	1720	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.63	—	10	2.7*r	µg/L	—	2.0	Y	J	J	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.95	—	3	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.3	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.84	—	0.00109	—	µg/L	—	3.84	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.295	—	0.12	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.295	—	0.2	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.295	—	0.343	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.295	—	—	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.295	—	3.43	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	36.1	—	75000	—	µg/L	—	5.91	Y	—	NQ	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.95	—	2000	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.95	—	59	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.95	—	0.137	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.295	—	6	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.3	—	750	18.7*r	µg/L	—	15.0	Y	J	J	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.95	—	—	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209028	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.295	—	160	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.27	1.2	—	2.93*r	pCi/L	4.45	—	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	2.62	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.95	—	1400	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.25	—	3.7	—	µg/L	—	3.25	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.404	—	733	—	µg/L	—	0.404	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.95	—	91	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.95	—	—	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.03	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.295	—	34.3	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.785	1.16	—	2.65*r	pCi/L	4.89	—	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.295	—	0.0343	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.95	—	7.9	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.95	—	600	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.95	—	—	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.95	—	75	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.95	—	1.25	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.95	—	45.3	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.295	—	14800	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.295	—	612	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.95	—	354	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.295	—	885	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.95	—	1.52	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.92	—	38.7	—	µg/L	—	4.92	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.95	—	2.37	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.95	—	0.485	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.295	—	200	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.95	—	7	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	RE	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	N	U	UJ	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.95	—	4.59	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	UJ	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.95	—	122	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.95	—	0.78	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.295	—	802	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.295	—	288	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.342	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.744	0.688	15	2.012*r	pCi/L	2.52	—	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.35	0.633	—	—	pCi/L	1.8	—	Y	—	NQ	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.95	—	1	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.95	—	1.39	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.95	—	50	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.95	—	3.28	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.295	—	0.343	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.45	—	781	—	µg/L	—	3.45	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.76	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	Y	1.09	—	5	—	µg/L	—	1.0	Y	J	J	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.295	—	11.4	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.295	—	35.1	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.95	—	930	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.64	—	930	—	µg/L	—	3.64	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.48	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.295	—	1.65	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.13	2.47	—	—	pCi/L	8.92	—	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.991	—	200	2.9	µg/L	—	0.6	Y	J	J	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.828	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.95	—	190	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.95	—	—	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.95	—	38	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.95	—	1.4	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.95	—	—	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.95	—	—	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.95	—	0.00167	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-239	CAPA-21-209028	SwRI
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.95	—	0.00491	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-239	CAPA-21-209028	SwRI
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.95	—	0.0273	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000547	—	0.0273	—	µg/L	—	0.00047	Y	—	NQ	N3B-2021-239	CAPA-21-209028	SwRI
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.95	—	0.11	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-239	CAPA-21-209028	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.95	—	0.37	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-239	CAPA-21-209028	SwRI
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.95	—	9.81	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.95	—	3.07	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.95	—	1	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.584	—	70	—	ng/L	—	0.584	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.708	—	70	—	ng/L	—	0.708	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.708	—	70	—	ng/L	—	0.708	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.295	—	170	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.95	—	5	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00903	0.00903	—	—	pCi/L	0.0491	—	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00677	0.00984	—	—	pCi/L	0.0664	—	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.42	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-29.6	15.3	—	—	pCi/L	55.6	—	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.95	—	250	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.295	—	117	—	µg/L	—	0.295	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.95	—	20	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.362	0.201	5	—	pCi/L	0.65	—	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.426	0.241	—	—	pCi/L	—	—	Y	—	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0643	0.132	5	—	pCi/L	0.481	—	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.1	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.5	—	—	16	mg/L	—	0.1	Y	N	J-	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.46	1.05	—	—	pCi/L	4.67	—	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	140.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	58.8	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.274	0.0909	8	—	pCi/L	0.29	—	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	3.68	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.95	—	20	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.95	—	1.66	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.95	—	240	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	156.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.323	—	—	—	mg/L	—	0.033	Y	—	J+	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	Y	1.85	—	—	1.08	mg/L	—	0.33	Y	—	NQ	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.094	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.95	—	70	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.95	—	1170	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.95	—	11.9	—	µg/L	—	2.95	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.125	0.825	20000	—	pCi/L	2.793	—	Y	U	U	N3B-2021-248	CAPA-21-209028	ARSL
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.357	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.25	0.0435	27.2	0.715	pCi/L	0.121	—	Y	—	NQ	N3B-2021-238	CAPA-21-209028	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0145	0.0131	28.8	—	pCi/L	0.08	—	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.138	0.0305	30	—	pCi/L	0.108	—	Y	—	NQ	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.73	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.82	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-238	CAPA-21-209027	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.292	—	535	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.294	—	535	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.292	—	—	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.294	—	—	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.0	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	56.1	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	56.7	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0206	0.009	—	0.0167*r	pCi/L	0.034	—	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0421	0.0149	—	0.0167*r	pCi/L	0.0477	—	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*r	mg/L	—	0.017	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*r	mg/L	—	0.017	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.08	—	130	—	µg/L	—	4.08	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.12	—	130	—	µg/L	—	4.12	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.292	—	1720	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.294	—	1720	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.14	—	10	2.7*r	µg/L	—	2.0	Y	J	J	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.43	—	10	2.7*r	µg/L	—	2.0	Y	J	J	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.92	—	3	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.94	—	3	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.0	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	23.0	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.79	—	0.00109	—	µg/L	—	3.79	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.82	—	0.00109	—	µg/L	—	3.82	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.292	—	0.12	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.294	—	0.12	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.292	—	0.2	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.294	—	0.2	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.292	—	0.343	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.294	—	0.343	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.292	—	—	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.294	—	—	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.292	—	3.43	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.294	—	3.43	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	9.56	—	75000	—	µg/L	—	5.84	Y	J	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	10.2	—	75000	—	µg/L	—	5.88	Y	J	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.92	—	2000	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.94	—	2000	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-264	CAPA-21-209030	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.92	—	59	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.94	—	59	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.92	—	0.137	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.94	—	0.137	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.292	—	6	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.294	—	6	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*r	µg/L	—	15.0	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*r	µg/L	—	15.0	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.92	—	—	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.94	—	—	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.292	—	160	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.294	—	160	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.69	1.42	—	2.93*r	pCi/L	5.64	—	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.13	1.76	—	2.93*r	pCi/L	4.37	—	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	N	2.04	—	250	2.7	mg/L	—	0.067	Y	—	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General	EPA:300.0	Chloride	Cl(-1)	N	2.11	—	250	2.7	mg/L	—	0.067	Y	—	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.92	—	1400	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.94	—	1400	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.21	—	3.7	—	µg/L	—	3.21	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.23	—	3.7	—	µg/L	—	3.23	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.399	—	733	—	µg/L	—	0.399	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.402	—	733	—	µg/L	—	0.402	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.92	—	91	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.94	—	91	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.92	—	—	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.94	—	—	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.292	—	34.3	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.294	—	34.3	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.18	1.43	—	2.65*r	pCi/L	4.55	—	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.44	1.36	—	2.65*r	pCi/L	4.7	—	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.292	—	0.0343	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.294	—	0.0343	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.92	—	7.9	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.94	—	7.9	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.92	—	600	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.94	—	600	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.92	—	—	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.94	—	—	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.92	—	75	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.94	—	75	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.92	—	1.25	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.94	—	1.25	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.92	—	45.3	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.94	—	45.3	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.292	—	14800	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.294	—	14800	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.292	—	612	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.294	—	612	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.92	—	354	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.94	—	354	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.292	—	885	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.294	—	885	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.92	—	1.52	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.94	—	1.52	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.86	—	38.7	—	µg/L	—	4.86	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.9	—	38.7	—	µg/L	—	4.9	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.92	—	2.37	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.94	—	2.37	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.92	—	0.485	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.94	—	0.485	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.292	—	200	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.294	—	200	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.92	—	7	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.94	—	7	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.92	—	4.59	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	UJ	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.94	—	4.59	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.92	—	122	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.94	—	122	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.92	—	0.78	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.94	—	0.78	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.292	—	802	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.294	—	802	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.292	—	288	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.294	—	288	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.319	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General	EPA:300.0	Fluoride	F(-1)	Y	0.341	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.49	0.822	15	2.012*r	pCi/L	2.52	—	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.0346	0.475	15	2.012*r	pCi/L	2.22	—	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.68	0.837	—	—	pCi/L	2.15	—	Y	—	NQ	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.702	0.802	—	—	pCi/L	2.79	—	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	38.5	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	36.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.92	—	1	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.94	—	1	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.92	—	1.39	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.94	—	1.39	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.92	—	50	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.94	—	50	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.92	—	3.28	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.94	—	3.28	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.292	—	0.343	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.294	—	0.343	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.4	—	781	—	µg/L	—	3.4	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.43	—	781	—	µg/L	—	3.43	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.82	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.64	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.04	—	5	—	µg/L	—	1.0	Y	J	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.292	—	11.4	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.294	—	11.4	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.292	—	35.1	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.294	—	35.1	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.92	—	930	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.94	—	930	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.6	—	930	—	µg/L	—	3.6	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.63	—	930	—	µg/L	—	3.63	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.29	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.24	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.292	—	1.65	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.294	—	1.65	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.57	2.59	—	—	pCi/L	9.23	—	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.32	2.59	—	—	pCi/L	8.94	—	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.9	µg/L	—	0.6	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.9	µg/L	—	0.6	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.381	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.383	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.92	—	190	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.94	—	190	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.92	—	—	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.94	—	—	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.92	—	38	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.94	—	38	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.92	—	1.4	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.94	—	1.4	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.92	—	—	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.94	—	—	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.92	—	—	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.94	—	—	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.92	—	0.00167	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-277	CAPA-21-209031	SwRI
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.94	—	0.00167	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-277	CAPA-21-209575	SwRI
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.92	—	0.00491	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-277	CAPA-21-209031	SwRI
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.94	—	0.00491	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-277	CAPA-21-209575	SwRI
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.92	—	0.0273	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.000679	—	0.0273	—	µg/L	—	0.00047	Y	—	U	N3B-2021-277	CAPA-21-209031	SwRI
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.94	—	0.0273	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2021-277	CAPA-21-209575	SwRI
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.92	—	0.11	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-277	CAPA-21-209031	SwRI
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.94	—	0.11	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-277	CAPA-21-209575	SwRI
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.92	—	0.37	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-277	CAPA-21-209031	SwRI
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.94	—	0.37	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-277	CAPA-21-209575	SwRI
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.92	—	9.81	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.94	—	9.81	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.92	—	3.07	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.94	—	3.07	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.92	—	1	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.94	—	1	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.267	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.29	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.587	—	70	—	ng/L	—	0.587	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.57	—	70	—	ng/L	—	0.57	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.711	—	70	—	ng/L	—	0.711	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.692	—	70	—	ng/L	—	0.692	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.711	—	70	—	ng/L	—	0.711	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.692	—	70	—	ng/L	—	0.692	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.292	—	170	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.294	—	170	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.92	—	5	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.94	—	5	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0178	0.00986	—	—	pCi/L	0.0554	—	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00474	0.00821	—	—	pCi/L	0.0515	—	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00000000212	0.00882	—	—	pCi/L	0.0749	—	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0166	0.0119	—	—	pCi/L	0.0697	—	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.24	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	34.1	40.7	—	—	pCi/L	50.8	—	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-42.8	21.6	—	—	pCi/L	66.2	—	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.92	—	250	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.94	—	250	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.292	—	117	—	µg/L	—	0.292	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.294	—	117	—	µg/L	—	0.294	Y	U	U	N3B-2021-264	CAPA-21-209575	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.92	—	20	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.94	—	20	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.678	0.252	5	—	pCi/L	0.73	—	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.648	0.207	5	—	pCi/L	0.532	—	Y	—	NQ	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.981	0.289	—	—	pCi/L	—	—	Y	—	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	1.04	0.292	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.303	0.142	5	—	pCi/L	0.45	—	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.396	0.206	5	—	pCi/L	0.669	—	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.6	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	9.61	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.529	1.43	—	—	pCi/L	5.54	—	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.74	1.21	—	—	pCi/L	5.01	—	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	122.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	118.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.4	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.4	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.211	0.115	8	—	pCi/L	0.493	—	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.149	0.13	8	—	pCi/L	0.47	—	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	1.81	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General	EPA:300.0	Sulfate	SO4(-2)	Y	1.68	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.92	—	20	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.94	—	20	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.92	—	1.66	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.94	—	1.66	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.92	—	240	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.94	—	240	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	4.22	—	12000	—	µg/L	—	2.5	Y	J	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	3.5	—	12000	—	µg/L	—	2.5	Y	J	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	139.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General	EPA:160.1	Total Dissolved Solids	TDS	Y	151.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0593	—	—	—	mg/L	—	0.033	Y	J	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.063	—	—	—	mg/L	—	0.033	Y	J	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	mg/L	—	0.02	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0254	—	—	—	mg/L	—	0.02	Y	J	J	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.92	—	70	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.94	—	70	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.92	—	1170	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.94	—	1170	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.92	—	11.9	—	µg/L	—	2.92	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.94	—	11.9	—	µg/L	—	2.94	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.113	0.914	20000	—	pCi/L	3.096	—	Y	U	U	N3B-2021-302	CAPA-21-209031	ARSL
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	4.875	1.201	20000	—	pCi/L	2.955	—	Y	—	U	N3B-2021-302	CAPA-21-209575	ARSL
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.214	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.197	—	30	1.19	µg/L	—	0.067	Y	J	J	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.131	0.0221	27.2	0.715	pCi/L	0.055	—	Y	—	NQ	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.145	0.0237	27.2	0.715	pCi/L	0.063	—	Y	—	NQ	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.029	0.0109	28.8	—	pCi/L	0.0357	—	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0133	0.0094	28.8	—	pCi/L	0.0409	—	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.068	0.0147	30	—	pCi/L	0.0491	—	Y	—	NQ	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0457	0.0159	30	—	pCi/L	0.0562	—	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.17	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.57	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	11.1	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	7.1	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-264	CAPA-21-209574	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.305	—	535	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.305	—	—	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	56.3	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0142	0.00729	—	0.0167*r	pCi/L	0.0367	—	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0418	—	—	0.1*r	mg/L	—	0.017	Y	J	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.27	—	130	—	µg/L	—	4.27	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.305	—	1720	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.32	—	10	2.7*r	µg/L	—	2.0	Y	J	J	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.05	—	3	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.5	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.97	—	0.00109	—	µg/L	—	3.97	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.305	—	0.12	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.305	—	0.2	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.305	—	0.343	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.305	—	—	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.305	—	3.43	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	10.7	—	75000	—	µg/L	—	6.11	Y	J	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.05	—	2000	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.05	—	59	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.05	—	0.137	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.305	—	6	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*r	µg/L	—	15.0	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.305	—	160	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.32	1.63	—	2.93*r	pCi/L	3.9	—	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	1.93	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.05	—	1400	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.36	—	3.7	—	µg/L	—	3.36	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.417	—	733	—	µg/L	—	0.417	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.05	—	91	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.305	—	34.3	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.38	0.981	—	2.65*r	pCi/L	3.51	—	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.305	—	0.0343	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.05	—	7.9	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.05	—	600	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.05	—	75	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.05	—	1.25	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.05	—	45.3	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.305	—	14800	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.305	—	612	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.05	—	354	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.305	—	885	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.05	—	1.52	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.09	—	38.7	—	µg/L	—	5.09	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.05	—	2.37	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.05	—	0.485	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.305	—	200	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.05	—	7	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.05	—	4.59	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.05	—	122	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.05	—	0.78	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.305	—	802	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.305	—	288	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.273	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.782	0.791	15	2.012*r	pCi/L	2.95	—	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.08	0.953	—	—	pCi/L	2.82	—	Y	—	NQ	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	38.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.05	—	1	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.05	—	1.39	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.05	—	50	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.05	—	3.28	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.305	—	0.343	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.56	—	781	—	µg/L	—	3.56	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.01	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.305	—	11.4	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.305	—	35.1	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.05	—	930	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.76	—	930	—	µg/L	—	3.76	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.849	—	1000	2.5	µg/L	—	0.2	Y	J	J	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.305	—	1.65	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.45	1.89	—	—	pCi/L	6.29	—	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.9	µg/L	—	0.6	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.292	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.05	—	190	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.05	—	38	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.05	—	1.4	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.05	—	0.00167	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-277	CAPA-21-209034	SwRI
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.05	—	0.00491	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-277	CAPA-21-209034	SwRI
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.05	—	0.0273	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2021-277	CAPA-21-209034	SwRI
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.05	—	0.11	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-277	CAPA-21-209034	SwRI
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.05	—	0.37	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-277	CAPA-21-209034	SwRI
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.05	—	9.81	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.05	—	3.07	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.05	—	1	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.284	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.583	—	70	—	ng/L	—	0.583	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.707	—	70	—	ng/L	—	0.707	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.707	—	70	—	ng/L	—	0.707	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.305	—	170	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.05	—	5	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00257	0.00853	—	—	pCi/L	0.0559	—	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.018	0.00927	—	—	pCi/L	0.0757	—	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.46	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	43.0	26.7	—	—	pCi/L	36.9	—	Y	UI	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.05	—	250	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.305	—	117	—	µg/L	—	0.305	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.05	—	20	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.33	0.3	5	—	pCi/L	0.682	—	Y	—	NQ	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	1.57	0.329	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.243	0.135	5	—	pCi/L	0.441	—	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.7	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.406	1.04	—	—	pCi/L	3.58	—	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	121.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.4	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0106	0.128	8	—	pCi/L	0.473	—	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	1.63	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.05	—	20	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.05	—	1.66	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.05	—	240	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	3.79	—	12000	—	µg/L	—	2.5	Y	J	U	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	127.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0547	—	—	—	mg/L	—	0.033	Y	J	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-264	CAPA-21-209034	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0256	—	—	—	mg/L	—	0.02	Y	J	J	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.05	—	70	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.05	—	1170	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.05	—	11.9	—	µg/L	—	3.05	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.044	0.889	20000	—	pCi/L	3.01	—	Y	U	U	N3B-2021-302	CAPA-21-209034	ARSL
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.225	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.168	0.0243	27.2	0.715	pCi/L	0.0638	—	Y	—	NQ	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0134	0.0106	28.8	—	pCi/L	0.0414	—	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0653	0.0172	30	—	pCi/L	0.0569	—	Y	—	NQ	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.89	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.53	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-264	CAPA-21-209033	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.301	—	535	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.301	—	—	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	60.1	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00966	0.0058	—	0.0167*r	pCi/L	0.035	—	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*r	mg/L	—	0.017	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.22	—	130	—	µg/L	—	4.22	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.301	—	1720	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.01	—	3	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.2	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.92	—	0.00109	—	µg/L	—	3.92	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.301	—	0.12	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.301	—	0.2	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.301	—	0.343	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.301	—	—	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.301	—	3.43	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.03	—	75000	—	µg/L	—	6.03	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.01	—	2000	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.01	—	59	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.01	—	0.137	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.301	—	6	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.5	—	750	18.7*r	µg/L	—	15.0	Y	J	J	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.301	—	160	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.4	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.06	1.19	—	2.93*r	pCi/L	4.71	—	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	2.8	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.01	—	1400	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.32	—	3.7	—	µg/L	—	3.32	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.412	—	733	—	µg/L	—	0.412	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.01	—	91	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.301	—	34.3	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.1	1.31	—	2.65*r	pCi/L	4.9	—	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.301	—	0.0343	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.01	—	7.9	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.01	—	600	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.01	—	75	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.01	—	1.25	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.01	—	45.3	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.301	—	14800	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.301	—	612	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.01	—	354	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.301	—	885	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.01	—	1.52	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.02	—	38.7	—	µg/L	—	5.02	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.01	—	2.37	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.01	—	0.485	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.301	—	200	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.01	—	7	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.01	—	4.59	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.01	—	122	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.01	—	0.78	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.301	—	802	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.301	—	288	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.341	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0305	0.365	15	2.012*r	pCi/L	1.54	—	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.75	0.439	—	—	pCi/L	2.01	—	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46.7	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.01	—	1	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.01	—	1.39	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.01	—	50	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.01	—	3.28	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.301	—	0.343	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.52	—	781	—	µg/L	—	3.52	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.22	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	2.03	—	5	—	µg/L	—	1.0	Y	J	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.301	—	11.4	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.301	—	35.1	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.01	—	930	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.72	—	930	—	µg/L	—	3.72	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.44	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.301	—	1.65	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.878	2.39	—	—	pCi/L	8.66	—	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.11	—	200	2.9	µg/L	—	0.6	Y	J	J	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.729	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.01	—	190	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.01	—	38	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.01	—	1.4	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.01	—	0.00167	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-90	CAPA-21-209039	SwRI
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.01	—	0.00491	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00070	—	0.00491	—	µg/L	—	0.00036	Y	—	U	N3B-2021-90	CAPA-21-209039	SwRI
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.01	—	0.0273	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00069	—	0.0273	—	µg/L	—	0.00047	Y	—	U	N3B-2021-90	CAPA-21-209039	SwRI
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.01	—	0.11	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-90	CAPA-21-209039	SwRI
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.01	—	0.37	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-90	CAPA-21-209039	SwRI
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.01	—	9.81	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.01	—	3.07	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.01	—	1	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.388	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.609	—	70	—	ng/L	—	0.609	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.738	—	70	—	ng/L	—	0.738	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	0.995	—	70	—	ng/L	—	0.738	Y	J	J	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.301	—	170	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.01	—	5	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00387	0.00866	—	—	pCi/L	0.0421	—	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00193	0.00843	—	—	pCi/L	0.0569	—	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.92	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.2	19.1	—	—	pCi/L	70.4	—	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.01	—	250	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.301	—	117	—	µg/L	—	0.301	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.01	—	20	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.559	0.122	5	—	pCi/L	0.238	—	Y	—	NQ	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	0.762	0.232	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.203	0.197	5	—	pCi/L	0.674	—	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.3	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.944	1.06	—	—	pCi/L	4.72	—	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	139.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.1	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0368	0.135	8	—	pCi/L	0.488	—	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	3.81	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.01	—	20	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.01	—	1.66	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.01	—	240	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	141.0	—	1000	161	mg/L	—	3.4	Y	—	J+	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0493	—	—	—	mg/L	—	0.033	Y	J	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	Y	0.471	—	—	1.08	mg/L	—	0.33	Y	J	J	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	0.995	—	70	—	ng/L	—	—	Y	J	J	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.122	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.01	—	70	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.01	—	1170	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.01	—	11.9	—	µg/L	—	3.01	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.338	0.905	20000	—	pCi/L	3.068	—	Y	U	U	N3B-2021-96	CAPA-21-209039	ARSL
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.373	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.215	0.0251	27.2	0.715	pCi/L	0.0597	—	Y	—	NQ	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.022	0.0114	28.8	—	pCi/L	0.0388	—	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.127	0.0184	30	—	pCi/L	0.0533	—	Y	—	NQ	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.23	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	40.9	—	10000	—	µg/L	—	3.3	Y	—	U	N3B-2021-89	CAPA-21-209038	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.306	—	535	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.306	—	—	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	58.7	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0264	0.00767	—	0.0167*r	pCi/L	0.0319	—	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.051	—	—	0.1*r	mg/L	—	0.017	Y	—	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.28	—	130	—	µg/L	—	4.28	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.306	—	1720	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.06	—	3	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.4	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.97	—	0.00109	—	µg/L	—	3.97	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.306	—	0.12	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.306	—	0.2	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.306	—	0.343	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.306	—	—	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.306	—	3.43	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.11	—	75000	—	µg/L	—	6.11	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.06	—	2000	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.06	—	59	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.06	—	0.137	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.306	—	6	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*r	µg/L	—	15.0	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.06	—	—	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.306	—	160	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.06	1.53	—	2.93*r	pCi/L	4.6	—	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	2.16	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.06	—	1400	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.36	—	3.7	—	µg/L	—	3.36	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.418	—	733	—	µg/L	—	0.418	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.06	—	91	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.06	—	—	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.306	—	34.3	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.79	1.51	—	2.65*r	pCi/L	4.39	—	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.306	—	0.0343	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.06	—	7.9	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.06	—	600	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.06	—	—	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.06	—	75	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.06	—	1.25	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.06	—	45.3	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.306	—	14800	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.306	—	612	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.06	—	354	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.306	—	885	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.06	—	1.52	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.09	—	38.7	—	µg/L	—	5.09	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.06	—	2.37	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.06	—	0.485	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.306	—	200	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.06	—	7	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.06	—	4.59	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.06	—	122	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.06	—	0.78	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.306	—	802	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.306	—	288	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.295	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0518	0.516	15	2.012*r	pCi/L	2.4	—	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.292	0.678	—	—	pCi/L	2.46	—	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	41.4	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.06	—	1	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.06	—	1.39	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.06	—	50	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.06	—	3.28	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.306	—	0.343	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.57	—	781	—	µg/L	—	3.57	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.0	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.82	—	5	—	µg/L	—	1.0	Y	J	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.306	—	11.4	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.306	—	35.1	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.06	—	930	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.77	—	930	—	µg/L	—	3.77	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.15	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.306	—	1.65	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.04	3.46	—	—	pCi/L	13.0	—	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.9	µg/L	—	0.6	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.362	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.06	—	190	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.06	—	—	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.06	—	38	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.06	—	1.4	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.06	—	—	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.06	—	—	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.06	—	0.00167	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-90	CAPA-21-209042	SwRI
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.06	—	0.00491	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-90	CAPA-21-209042	SwRI
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.06	—	0.0273	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.000542	—	0.0273	—	µg/L	—	0.00047	Y	—	U	N3B-2021-90	CAPA-21-209042	SwRI
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.06	—	0.11	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-90	CAPA-21-209042	SwRI
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.06	—	0.37	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-90	CAPA-21-209042	SwRI
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.06	—	9.81	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.06	—	3.07	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.06	—	1	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.283	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.579	—	70	—	ng/L	—	0.579	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.702	—	70	—	ng/L	—	0.702	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.702	—	70	—	ng/L	—	0.702	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.306	—	170	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.06	—	5	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0175	0.00654	—	—	pCi/L	0.038	—	Y	U	U	N3B-2021-89	CAPA-21-209042	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00175	0.00677	—	—	pCi/L	0.0514	—	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.42	23.4	—	—	pCi/L	98.4	—	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.06	—	250	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.306	—	117	—	µg/L	—	0.306	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.06	—	20	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.166	0.0977	5	—	pCi/L	0.318	—	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.235	0.162	—	—	pCi/L	—	—	Y	—	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0695	0.129	5	—	pCi/L	0.471	—	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.3	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.354	1.61	—	—	pCi/L	7.14	—	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	119.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.2	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0443	0.13	8	—	pCi/L	0.484	—	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	2.16	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.06	—	20	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.06	—	1.66	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.06	—	240	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	116.0	—	1000	161	mg/L	—	3.4	Y	—	J+	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0331	—	—	—	mg/L	—	0.033	Y	J	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.154	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.06	—	70	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.06	—	1170	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.06	—	11.9	—	µg/L	—	3.06	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.843	0.908	20000	—	pCi/L	3.078	—	Y	U	U	N3B-2021-96	CAPA-21-209042	ARSL
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.313	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.475	0.0404	27.2	0.715	pCi/L	0.0724	—	Y	—	NQ	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0229	0.0108	28.8	—	pCi/L	0.047	—	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.309	0.0315	30	—	pCi/L	0.0646	—	Y	—	NQ	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.21	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.57	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-89	CAPA-21-209041	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.288	—	535	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.288	—	—	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-221	CAPA-21-209046	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	59.7	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0289	0.0153	—	0.0167*r	pCi/L	0.0524	—	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0431	—	—	0.1*r	mg/L	—	0.017	Y	J	J	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.04	—	130	—	µg/L	—	4.04	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.288	—	1720	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.02	—	10	2.7*r	µg/L	—	2.0	Y	J	J	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.88	—	3	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.4	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.75	—	0.00109	—	µg/L	—	3.75	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.288	—	0.12	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.288	—	0.2	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.288	—	0.343	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.288	—	—	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.288	—	3.43	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	10.3	—	75000	—	µg/L	—	5.77	Y	J	J	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.88	—	2000	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.88	—	59	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.88	—	0.137	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.288	—	6	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.7	—	750	18.7*r	µg/L	—	15.0	Y	J	J	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.88	—	—	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.288	—	160	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.158	0.565	—	2.93*r	pCi/L	2.04	—	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.88	—	1400	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.17	—	3.7	—	µg/L	—	3.17	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.394	—	733	—	µg/L	—	0.394	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.88	—	91	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.88	—	—	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.288	—	34.3	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0685	1.14	—	2.65*r	pCi/L	4.56	—	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.288	—	0.0343	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.88	—	7.9	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.88	—	600	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.88	—	—	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.88	—	75	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.88	—	1.25	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	UJ	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	UJ	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.88	—	45.3	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.288	—	14800	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.288	—	612	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.88	—	354	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.288	—	885	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.88	—	1.52	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.81	—	38.7	—	µg/L	—	4.81	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.88	—	2.37	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.88	—	0.485	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.288	—	200	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.88	—	7	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.88	—	4.59	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.88	—	122	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.88	—	0.78	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.288	—	802	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.288	—	288	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.343	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.383	0.658	15	2.012*r	pCi/L	2.64	—	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.68	0.98	—	—	pCi/L	2.94	—	Y	—	NQ	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	40.1	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.88	—	1	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.88	—	1.39	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.88	—	50	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.88	—	3.28	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.288	—	0.343	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.37	—	781	—	µg/L	—	3.37	Y	U	U	N3B-2021-221	CAPA-21-209046	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.18	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.288	—	11.4	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.288	—	35.1	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.88	—	930	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.56	—	930	—	µg/L	—	3.56	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.14	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.288	—	1.65	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.949	2.24	—	—	pCi/L	8.49	—	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.9	µg/L	—	0.6	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.392	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.88	—	190	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.88	—	—	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.88	—	38	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.88	—	1.4	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.88	—	—	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.88	—	—	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.88	—	0.00167	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-222	CAPA-21-209046	SwRI
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.88	—	0.00491	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-222	CAPA-21-209046	SwRI
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.88	—	0.0273	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000496	—	0.0273	—	µg/L	—	0.00047	Y	J	J	N3B-2021-222	CAPA-21-209046	SwRI
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.88	—	0.11	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-222	CAPA-21-209046	SwRI
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.88	—	0.37	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-222	CAPA-21-209046	SwRI
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.88	—	9.81	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.88	—	3.07	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.88	—	1	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.285	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.606	—	70	—	ng/L	—	0.606	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.734	—	70	—	ng/L	—	0.734	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.734	—	70	—	ng/L	—	0.734	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.288	—	170	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.88	—	5	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0233	0.0145	—	—	pCi/L	0.0843	—	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0349	0.0186	—	—	pCi/L	0.114	—	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.54	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.0	17.7	—	—	pCi/L	69.7	—	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.88	—	250	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.288	—	117	—	µg/L	—	0.288	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.88	—	20	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.797	0.195	5	—	pCi/L	0.382	—	Y	—	NQ	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	1.29	0.312	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.492	0.244	5	—	pCi/L	0.79	—	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.92	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-221	CAPA-21-209045	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.33	1.22	—	—	pCi/L	3.81	—	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	130.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.5	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0698	0.0595	8	—	pCi/L	0.199	—	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	1.61	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.88	—	20	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.88	—	1.66	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.88	—	240	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	9.91	—	12000	—	µg/L	—	2.5	N	J	R	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1.0	—	12000	—	µg/L	—	1.0	Y	U	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	137.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0479	—	—	—	mg/L	—	0.033	Y	J	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0852	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.88	—	70	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.88	—	1170	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.88	—	11.9	—	µg/L	—	2.88	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.166	0.938	20000	—	pCi/L	3.049	—	Y	U	U	N3B-2021-220	CAPA-21-209046	ARSL
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.394	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.295	0.0399	27.2	0.715	pCi/L	0.0922	—	Y	—	NQ	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0137	0.0117	28.8	—	pCi/L	0.0608	—	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.116	0.0245	30	—	pCi/L	0.0824	—	Y	—	NQ	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.52	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	UJ	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.19	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-221	CAPA-21-209045	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.302	—	535	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.302	—	—	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.37	—	14100	—	µg/L	—	1.5	Y	J	J	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	58.3	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0023	0.0115	—	0.0167*r	pCi/L	0.0417	—	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0315	—	—	0.1*r	mg/L	—	0.017	Y	J	J	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.22	—	130	—	µg/L	—	4.22	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.302	—	1720	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.02	—	3	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.9	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-221	CAPA-21-209048	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.92	—	0.00109	—	µg/L	—	3.92	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.302	—	0.12	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.302	—	0.2	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.302	—	0.343	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.302	—	—	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.302	—	3.43	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	10.3	—	75000	—	µg/L	—	6.03	Y	J	J	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.02	—	2000	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.02	—	59	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.02	—	0.137	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.302	—	6	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*r	µg/L	—	15.0	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.302	—	160	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-4.45	1.86	—	2.93*r	pCi/L	5.79	—	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	1.82	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.02	—	1400	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.32	—	3.7	—	µg/L	—	3.32	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.412	—	733	—	µg/L	—	0.412	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.02	—	91	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.39	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.302	—	34.3	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.532	0.996	—	2.65*r	pCi/L	4.39	—	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.302	—	0.0343	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.02	—	7.9	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.02	—	600	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.02	—	75	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.02	—	1.25	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	UJ	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	UJ	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.02	—	45.3	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.302	—	14800	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.302	—	612	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.02	—	354	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.302	—	885	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.02	—	1.52	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.03	—	38.7	—	µg/L	—	5.03	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.02	—	2.37	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.02	—	0.485	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.302	—	200	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.02	—	7	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.02	—	4.59	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.02	—	122	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.02	—	0.78	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.302	—	802	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.302	—	288	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.324	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0604	0.598	15	2.012*r	pCi/L	2.72	—	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.8	0.666	—	—	pCi/L	1.75	—	Y	—	NQ	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	40.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.02	—	1	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.02	—	1.39	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.02	—	50	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.02	—	3.28	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.302	—	0.343	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.52	—	781	—	µg/L	—	3.52	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.16	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.302	—	11.4	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.302	—	35.1	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.02	—	930	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.72	—	930	—	µg/L	—	3.72	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.04	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.302	—	1.65	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.98	3.56	—	—	pCi/L	12.9	—	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.9	µg/L	—	0.6	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.354	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.02	—	190	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.02	—	38	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.02	—	1.4	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.02	—	—	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.02	—	0.00167	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-222	CAPA-21-209049	SwRI
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.02	—	0.00491	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-222	CAPA-21-209049	SwRI
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.02	—	0.0273	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2021-222	CAPA-21-209049	SwRI
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.02	—	0.11	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-222	CAPA-21-209049	SwRI
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.02	—	0.37	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-222	CAPA-21-209049	SwRI
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.02	—	9.81	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.02	—	3.07	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.02	—	1	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.305	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.586	—	70	—	ng/L	—	0.586	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.711	—	70	—	ng/L	—	0.711	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.711	—	70	—	ng/L	—	0.711	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.302	—	170	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.02	—	5	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00942	0.00999	—	—	pCi/L	0.0512	—	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00236	0.0113	—	—	pCi/L	0.0693	—	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.1	24.7	—	—	pCi/L	101.0	—	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.02	—	250	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.302	—	117	—	µg/L	—	0.302	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.02	—	20	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.323	0.198	5	—	pCi/L	0.652	—	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.337	0.284	—	—	pCi/L	—	—	Y	—	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0148	0.204	5	—	pCi/L	0.734	—	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.6	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0779	1.74	—	—	pCi/L	7.43	—	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	127.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.2	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.205	0.139	8	—	pCi/L	0.466	—	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	1.61	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.02	—	20	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.02	—	1.66	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.02	—	240	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	13.7	—	12000	—	µg/L	—	2.5	N	—	R	N3B-2021-221	CAPA-21-209048	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1.0	—	12000	—	µg/L	—	1.0	Y	U	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	107.0	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0801	—	—	—	mg/L	—	0.033	Y	J	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0843	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.02	—	70	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.02	—	1170	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.02	—	11.9	—	µg/L	—	3.02	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.817	0.895	20000	—	pCi/L	3.039	—	Y	U	U	N3B-2021-220	CAPA-21-209049	ARSL
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.313	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.17	0.032	27.2	0.715	pCi/L	0.1	—	Y	—	NQ	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00594	0.0116	28.8	—	pCi/L	0.0663	—	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0848	0.0238	30	—	pCi/L	0.0898	—	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.23	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	UJ	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.23	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-221	CAPA-21-209048	GELC
R-54 S1	830.0	10/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.582	—	70	—	ng/L	—	0.582	Y	U	U	N3B-2021-130	CAPA-21-209052	GELC
R-54 S1	830.0	10/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.705	—	70	—	ng/L	—	0.705	Y	U	U	N3B-2021-130	CAPA-21-209052	GELC
R-54 S1	830.0	10/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.705	—	70	—	ng/L	—	0.705	Y	U	U	N3B-2021-130	CAPA-21-209052	GELC
R-54 S1	830.0	10/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-130	CAPA-21-209052	GELC
R-54 S1	830.0	10/19/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.031	0.91	20000	—	pCi/L	3.071	—	Y	U	U	N3B-2021-219	CAPA-21-209052	ARSL
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	60.3	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0186	0.0131	—	0.0167*r	pCi/L	0.0671	—	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0519	—	—	0.1*r	mg/L	—	0.017	Y	—	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	13.1	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	75000	—	µg/L	—	6.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	6	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*r	µg/L	—	15.0	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.7	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.22	2.46	—	2.93*r	pCi/L	4.64	—	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	1.99	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	UJ	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.07	1.12	—	2.65*r	pCi/L	5.22	—	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.0	—	0.78	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.212	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.00631	0.479	15	2.012*r	pCi/L	2.27	—	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.857	0.655	—	—	pCi/L	2.67	—	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	39.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.13	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	930	—	µg/L	—	3.7	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.22	—	1000	2.5	µg/L	—	0.2	Y	—	J+	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.48	2.07	—	—	pCi/L	8.0	—	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.9	µg/L	—	0.6	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.36	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-131	CAPA-21-209055	SwRI
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-131	CAPA-21-209055	SwRI
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2021-131	CAPA-21-209055	SwRI
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-131	CAPA-21-209055	SwRI
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-131	CAPA-21-209055	SwRI
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.277	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.586	—	70	—	ng/L	—	0.586	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.71	—	70	—	ng/L	—	0.71	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.71	—	70	—	ng/L	—	0.71	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00926	0.0111	—	—	pCi/L	0.0714	—	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00617	0.0115	—	—	pCi/L	0.0798	—	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.59	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.6	18.2	—	—	pCi/L	49.9	—	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.22	0.0947	5	—	pCi/L	0.27	—	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.251	0.174	—	—	pCi/L	—	—	Y	—	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0312	0.146	5	—	pCi/L	0.536	—	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0976	1.27	—	—	pCi/L	4.45	—	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	115.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51.9	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.278	0.11	8	—	pCi/L	0.499	—	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	1.86	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	143.0	—	1000	161	mg/L	—	3.4	Y	—	J+	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0298	—	—	—	mg/L	—	0.02	Y	J	J	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.25	0.901	20000	—	pCi/L	3.054	—	Y	U	U	N3B-2021-219	CAPA-21-209055	ARSL
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.279	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.231	0.0389	27.2	0.715	pCi/L	0.111	—	Y	—	NQ	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0194	0.0176	28.8	—	pCi/L	0.0956	—	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.105	0.0276	30	—	pCi/L	0.101	—	Y	—	NQ	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.02	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	10000	—	µg/L	—	3.3	Y	U	U	N3B-2021-130	CAPA-21-209054	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.297	—	535	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.297	—	—	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	75.7	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00209	0.00694	—	0.0167*r	pCi/L	0.0379	—	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0188	—	—	0.1*r	mg/L	—	0.017	Y	J	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.16	—	130	—	µg/L	—	4.16	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.297	—	1720	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.97	—	3	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.7	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.86	—	0.00109	—	µg/L	—	3.86	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.297	—	0.12	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.297	—	0.2	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.297	—	0.343	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.297	—	—	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.297	—	3.43	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.95	—	75000	—	µg/L	—	5.95	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.97	—	2000	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.97	—	59	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.97	—	0.137	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.297	—	6	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.6	—	750	18.7*r	µg/L	—	15.0	Y	J	J	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.97	—	—	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.297	—	160	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.8	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.17	1.03	—	2.93*r	pCi/L	3.9	—	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	4.17	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.97	—	1400	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.27	—	3.7	—	µg/L	—	3.27	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.406	—	733	—	µg/L	—	0.406	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.97	—	91	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.97	—	—	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.6	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.297	—	34.3	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.7	1.06	—	2.65*r	pCi/L	5.13	—	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.297	—	0.0343	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.97	—	7.9	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.97	—	600	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.97	—	—	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.97	—	75	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.97	—	1.25	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.97	—	45.3	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.297	—	14800	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.297	—	612	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.97	—	354	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.297	—	885	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.97	—	1.52	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.95	—	38.7	—	µg/L	—	4.95	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.97	—	2.37	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.97	—	0.485	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.297	—	200	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.97	—	7	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.97	—	4.59	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.97	—	122	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.97	—	0.78	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.297	—	802	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.297	—	288	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.391	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0381	0.512	15	2.012*r	pCi/L	2.57	—	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.0734	0.561	—	—	pCi/L	2.18	—	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	65.5	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.97	—	1	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.97	—	1.39	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.97	—	50	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.97	—	3.28	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.297	—	0.343	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.47	—	781	—	µg/L	—	3.47	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.53	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	2.23	—	5	—	µg/L	—	1.0	Y	J	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.297	—	11.4	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.297	—	35.1	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.97	—	930	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.67	—	930	—	µg/L	—	3.67	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.08	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.297	—	1.65	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.939	2.35	—	—	pCi/L	8.05	—	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.745	—	200	2.9	µg/L	—	0.6	Y	J	J	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.925	—	10	0.769	mg/L	—	0.085	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.97	—	190	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.97	—	—	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.97	—	38	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.97	—	1.4	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.97	—	—	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.97	—	—	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.97	—	0.00167	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000184	—	0.00167	—	µg/L	—	0.00018	Y	J	J	N3B-2021-90	CAMO-21-209060	SwRI
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.97	—	0.00491	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.000471	—	0.00491	—	µg/L	—	0.00036	Y	J	U	N3B-2021-90	CAMO-21-209060	SwRI
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.97	—	0.0273	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.000524	—	0.0273	—	µg/L	—	0.00047	Y	—	U	N3B-2021-90	CAMO-21-209060	SwRI
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.97	—	0.11	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-90	CAMO-21-209060	SwRI
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.97	—	0.37	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-90	CAMO-21-209060	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.97	—	9.81	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.97	—	3.07	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.97	—	1	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.491	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.635	—	70	—	ng/L	—	0.635	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.769	—	70	—	ng/L	—	0.769	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.769	—	70	—	ng/L	—	0.769	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.297	—	170	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.97	—	5	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0333	0.00976	—	—	pCi/L	0.0452	—	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0146	0.0104	—	—	pCi/L	0.0612	—	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.64	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.31	16.2	—	—	pCi/L	38.7	—	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.97	—	250	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.297	—	117	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.97	—	20	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.166	0.0656	5	—	pCi/L	0.159	—	Y	—	NQ	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	0.166	0.13	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0717	0.112	5	—	pCi/L	0.459	—	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.5	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.8	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.772	1.1	—	—	pCi/L	4.13	—	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	171.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	80.3	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0491	0.0879	8	—	pCi/L	0.329	—	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	5.41	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.97	—	20	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.97	—	1.66	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.97	—	240	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.23	—	12000	—	µg/L	—	2.5	Y	J	J	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	177.0	—	1000	161	mg/L	—	3.4	Y	—	J+	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0817	—	—	—	mg/L	—	0.033	Y	J	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	1.08	mg/L	—	0.33	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0902	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.97	—	70	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.97	—	1170	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.97	—	11.9	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.203	0.945	20000	—	pCi/L	3.2	—	Y	U	U	N3B-2021-96	CAMO-21-209060	ARSL
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.668	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.46	0.0387	27.2	0.715	pCi/L	0.0678	—	Y	—	NQ	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0179	0.0107	28.8	—	pCi/L	0.044	—	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.278	0.0295	30	—	pCi/L	0.0605	—	Y	—	NQ	N3B-2021-89	CAMO-21-209060	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.69	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.67	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-89	CAMO-21-209059	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.297	—	535	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.297	—	—	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.56	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.7	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	77.5	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0194	0.00775	—	0.0167*r	pCi/L	0.0351	—	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0283	—	—	0.1*r	mg/L	—	0.017	Y	J	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.16	—	130	—	µg/L	—	4.16	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.297	—	1720	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.97	—	3	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.7	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.86	—	0.00109	—	µg/L	—	3.86	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.297	—	0.12	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.297	—	0.2	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.297	—	0.343	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.297	—	—	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.297	—	3.43	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.94	—	75000	—	µg/L	—	5.94	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.97	—	2000	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.97	—	59	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.97	—	0.137	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.297	—	6	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.8	—	750	18.7*r	µg/L	—	15.0	Y	J	J	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.97	—	—	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.297	—	160	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.6	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.218	1.12	—	2.93*r	pCi/L	4.07	—	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	3.82	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.97	—	1400	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.27	—	3.7	—	µg/L	—	3.27	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.406	—	733	—	µg/L	—	0.406	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.97	—	91	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.97	—	—	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.27	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.297	—	34.3	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.165	1.17	—	2.65*r	pCi/L	4.71	—	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.297	—	0.0343	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.97	—	7.9	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.97	—	600	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.97	—	—	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.97	—	75	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.97	—	1.25	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.97	—	45.3	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.297	—	14800	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.297	—	612	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.97	—	354	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.297	—	885	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.97	—	1.52	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.95	—	38.7	—	µg/L	—	4.95	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.97	—	2.37	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.97	—	0.485	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.297	—	200	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.97	—	7	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.97	—	4.59	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.97	—	122	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.97	—	0.78	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.297	—	802	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.297	—	288	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.395	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.157	0.435	15	2.012*r	pCi/L	2.29	—	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.21	0.647	—	—	pCi/L	2.07	—	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	65.6	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.97	—	1	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.97	—	1.39	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.97	—	50	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.97	—	3.28	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.297	—	0.343	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.47	—	781	—	µg/L	—	3.47	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.67	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	2.15	—	5	—	µg/L	—	1.0	Y	J	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.297	—	11.4	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.297	—	35.1	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.97	—	930	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.66	—	930	—	µg/L	—	3.66	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.09	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.297	—	1.65	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.43	2.43	—	—	pCi/L	8.76	—	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.66	—	200	2.9	µg/L	—	0.6	Y	J	J	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.746	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.97	—	190	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.97	—	—	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.97	—	38	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.97	—	1.4	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.97	—	—	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.97	—	—	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.97	—	0.00167	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000799	—	0.00167	—	µg/L	—	0.00018	Y	—	J	N3B-2021-90	CAMO-21-209063	SwRI
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.97	—	0.00491	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.0134	—	0.00491	—	µg/L	—	0.00036	Y	—	J	N3B-2021-90	CAMO-21-209063	SwRI
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.97	—	0.0273	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2021-90	CAMO-21-209063	SwRI
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.97	—	0.11	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-90	CAMO-21-209063	SwRI
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.97	—	0.37	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-90	CAMO-21-209063	SwRI
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.97	—	9.81	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.97	—	3.07	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.97	—	1	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.408	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.594	—	70	—	ng/L	—	0.594	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.72	—	70	—	ng/L	—	0.72	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.72	—	70	—	ng/L	—	0.72	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.297	—	170	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.97	—	5	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00481	0.0123	—	—	pCi/L	0.0523	—	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00961	0.00961	—	—	pCi/L	0.0707	—	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.54	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-20.1	16.5	—	—	pCi/L	60.5	—	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.97	—	250	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209063	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.297	—	117	—	µg/L	—	0.297	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.97	—	20	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0874	0.0757	5	—	pCi/L	0.269	—	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.215	0.242	—	—	pCi/L	—	—	Y	—	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.128	0.23	5	—	pCi/L	0.806	—	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.5	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.95	1.6	—	—	pCi/L	5.4	—	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	170.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	83.2	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0583	0.137	8	—	pCi/L	0.485	—	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	4.18	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.97	—	20	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.97	—	1.66	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.97	—	240	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	173.0	—	1000	161	mg/L	—	3.4	Y	—	J+	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0349	—	—	—	mg/L	—	0.033	Y	J	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	Y	0.393	—	—	1.08	mg/L	—	0.33	Y	J	J	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.093	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.97	—	70	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.97	—	1170	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.97	—	11.9	—	µg/L	—	2.97	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.111	0.936	20000	—	pCi/L	3.167	—	Y	U	U	N3B-2021-96	CAMO-21-209063	ARSL
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.671	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.436	0.0402	27.2	0.715	pCi/L	0.0726	—	Y	—	NQ	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0153	0.0108	28.8	—	pCi/L	0.0472	—	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.217	0.027	30	—	pCi/L	0.0648	—	Y	—	NQ	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.73	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.62	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-89	CAMO-21-209062	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	—	535	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.29	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	68.9	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-190	CAPA-21-209068	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00633	0.0118	—	0.0167*r	pCi/L	0.0694	—	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*r	mg/L	—	0.017	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	—	130	—	µg/L	—	4.2	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	—	1720	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	—	3	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.5	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	—	0.00109	—	µg/L	—	3.9	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	0.12	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	—	0.2	—	µg/L	—	0.3	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	µg/L	—	0.3	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	3.43	—	µg/L	—	0.3	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	—	75000	—	µg/L	—	6.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	—	2000	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	—	59	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	—	0.137	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	6	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*r	µg/L	—	15.0	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	160	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	17.03	mg/L	—	0.05	Y	—	J-	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.824	1.0	—	2.93*r	pCi/L	3.74	—	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	2.41	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	—	1400	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	—	3.7	—	µg/L	—	3.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	—	733	—	µg/L	—	0.41	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	—	91	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	34.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.517	1.05	—	2.65*r	pCi/L	4.03	—	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	0.0343	—	µg/L	—	0.3	Y	U	UJ	N3B-2021-190	CAPA-21-209069	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	—	7.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	—	600	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	—	75	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	—	1.25	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	—	45.3	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	14800	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	612	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	—	354	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	885	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	—	1.52	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	—	38.7	—	µg/L	—	5.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	—	2.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	—	0.485	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	200	—	µg/L	—	0.3	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	—	7	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	—	4.59	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	—	122	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.0	—	0.78	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	802	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	288	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	Y	0.304	—	1.6	0.377	mg/L	—	0.033	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.151	0.667	15	2.012*r	pCi/L	2.79	—	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.0	0.706	—	—	pCi/L	2.07	—	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	47.0	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	—	1	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	—	1.39	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	—	50	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	—	3.28	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	—	0.343	—	µg/L	—	0.3	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	—	781	—	µg/L	—	3.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.05	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-209068	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	—	11.4	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	35.1	—	µg/L	—	0.3	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	—	930	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	930	—	µg/L	—	3.7	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.78	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.77	1.76	—	—	pCi/L	6.31	—	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.9	µg/L	—	0.6	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.917	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	—	190	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	—	38	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	—	1.4	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	—	0.00167	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-222	CAPA-21-209069	SwRI
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	—	0.00491	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-222	CAPA-21-209069	SwRI
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	—	0.0273	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	0.0273	—	µg/L	—	0.00047	Y	U	U	N3B-2021-222	CAPA-21-209069	SwRI
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	—	0.11	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-222	CAPA-21-209069	SwRI
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	—	0.37	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-222	CAPA-21-209069	SwRI
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	—	9.81	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	—	3.07	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	—	1	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.342	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.607	—	70	—	ng/L	—	0.607	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.736	—	70	—	ng/L	—	0.736	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.736	—	70	—	ng/L	—	0.736	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	170	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	—	5	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0432	0.0179	—	—	pCi/L	0.077	—	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00665	0.0094	—	—	pCi/L	0.086	—	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.64	—	—	2.39	mg/L	—	0.05	Y	—	J+	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.81	13.9	—	—	pCi/L	56.3	—	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	—	250	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	—	117	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.39	0.198	5	—	pCi/L	0.624	—	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.638	0.289	—	—	pCi/L	—	—	Y	—	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.248	0.209	5	—	pCi/L	0.713	—	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.7	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.81	—	—	16	mg/L	—	0.1	Y	—	J+	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.158	0.993	—	—	pCi/L	3.97	—	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	140.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.2	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.164	0.129	8	—	pCi/L	0.483	—	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	3.16	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	—	20	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	—	1.66	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	—	240	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	92.9	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0668	—	—	—	mg/L	—	0.033	Y	J	J+	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	Y	0.349	—	—	1.08	mg/L	—	0.33	Y	J	J	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0682	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	—	70	—	µg/L	—	3.0	Y	U	UJ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	—	1170	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	—	11.9	—	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.832	0.95	20000	—	pCi/L	3.136	—	Y	U	U	N3B-2021-220	CAPA-21-209069	ARSL
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.633	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.44	0.0539	27.2	0.715	pCi/L	0.127	—	Y	—	NQ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0223	0.0153	28.8	—	pCi/L	0.109	—	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.237	0.0394	30	—	pCi/L	0.115	—	Y	—	NQ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.55	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.3	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-190	CAPA-21-209068	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.299	—	535	—	µg/L	—	0.299	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.299	—	—	—	µg/L	—	0.299	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.89	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	9.55	—	—	—	mg/L	—	1.45	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	64.3	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0487	0.0221	—	0.0167*r	pCi/L	0.0971	—	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.1*r	mg/L	—	0.017	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.18	—	130	—	µg/L	—	4.18	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.299	—	1720	—	µg/L	—	0.299	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.99	—	3	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27.9	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.88	—	0.00109	—	µg/L	—	3.88	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.299	—	0.12	—	µg/L	—	0.299	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.299	—	0.2	—	µg/L	—	0.299	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.299	—	0.343	—	µg/L	—	0.299	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.299	—	—	—	µg/L	—	0.299	Y	U	UJ	N3B-2021-190	CAPA-21-209072	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.299	—	3.43	—	µg/L	—	0.299	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.97	—	75000	—	µg/L	—	5.97	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.99	—	2000	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.99	—	59	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.99	—	0.137	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.299	—	6	—	µg/L	—	0.299	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15.0	—	750	18.7*r	µg/L	—	15.0	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.99	—	—	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.299	—	160	—	µg/L	—	0.299	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	17.03	mg/L	—	0.05	Y	—	J-	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	5.09	2.94	—	2.93*r	pCi/L	3.71	—	Y	UI	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	2.48	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.99	—	1400	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.29	—	3.7	—	µg/L	—	3.29	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.408	—	733	—	µg/L	—	0.408	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.99	—	91	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.99	—	—	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.53	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.299	—	34.3	—	µg/L	—	0.299	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.566	0.999	—	2.65*r	pCi/L	3.77	—	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.299	—	0.0343	—	µg/L	—	0.299	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.99	—	7.9	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.99	—	600	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.99	—	—	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.99	—	75	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.99	—	1.25	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.99	—	45.3	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.299	—	14800	—	µg/L	—	0.299	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.299	—	612	—	µg/L	—	0.299	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.99	—	354	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.299	—	885	—	µg/L	—	0.299	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.99	—	1.52	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.98	—	38.7	—	µg/L	—	4.98	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.99	—	2.37	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.99	—	0.485	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.299	—	200	—	µg/L	—	0.299	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.99	—	7	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.99	—	4.59	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.99	—	122	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.99	—	0.78	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.299	—	802	—	µg/L	—	0.299	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.299	—	288	—	µg/L	—	0.299	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	N	0.033	—	1.6	0.377	mg/L	—	0.033	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.981	0.658	15	2.012*r	pCi/L	2.19	—	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.32	0.72	—	—	pCi/L	2.34	—	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.3	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.99	—	1	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.99	—	1.39	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.99	—	50	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.99	—	3.28	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.299	—	0.343	—	µg/L	—	0.299	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.48	—	781	—	µg/L	—	3.48	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.32	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.299	—	11.4	—	µg/L	—	0.299	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.299	—	35.1	—	µg/L	—	0.299	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.99	—	930	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.68	—	930	—	µg/L	—	3.68	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.31	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.299	—	1.65	—	µg/L	—	0.299	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.73	2.24	—	—	pCi/L	8.76	—	Y	U	U	N3B-2021-190	CAPA-21-209072	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	200	2.9	µg/L	—	0.6	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.37	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.99	—	190	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.99	—	—	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.99	—	38	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.99	—	1.4	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.99	—	—	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.99	—	—	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.99	—	0.00167	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-222	CAPA-21-209072	SwRI
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.99	—	0.00491	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-222	CAPA-21-209072	SwRI
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.99	—	0.0273	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000952	—	0.0273	—	µg/L	—	0.00047	Y	—	NQ	N3B-2021-222	CAPA-21-209072	SwRI
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.99	—	0.11	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-222	CAPA-21-209072	SwRI
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.99	—	0.37	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-222	CAPA-21-209072	SwRI
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.99	—	9.81	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.99	—	3.07	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.99	—	1	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.303	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.604	—	70	—	ng/L	—	0.604	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.732	—	70	—	ng/L	—	0.732	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.732	—	70	—	ng/L	—	0.732	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.299	—	170	—	µg/L	—	0.299	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.99	—	5	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00631	0.0209	—	—	pCi/L	0.146	—	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0189	0.0189	—	—	pCi/L	0.163	—	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.74	—	—	2.39	mg/L	—	0.05	Y	—	J+	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.6	18.2	—	—	pCi/L	64.1	—	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.99	—	250	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.299	—	117	—	µg/L	—	0.299	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.99	—	20	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.13	0.0864	5	—	pCi/L	0.288	—	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	N	0.355	0.189	—	—	pCi/L	—	—	Y	—	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.225	0.169	5	—	pCi/L	0.571	—	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.0	—	—	16	mg/L	—	0.1	Y	—	J+	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.27	1.16	—	—	pCi/L	4.23	—	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	122.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.5	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0666	0.14	8	—	pCi/L	0.485	—	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	2.0	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.99	—	20	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.99	—	1.66	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.99	—	240	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	85.7	—	1000	161	mg/L	—	3.4	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.137	—	—	—	mg/L	—	0.033	Y	—	J+	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	Y	0.35	—	—	1.08	mg/L	—	0.33	Y	J	J	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0895	—	—	—	mg/L	—	0.02	Y	—	U	N3B-2021-190	CAPA-21-209071	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.99	—	70	—	µg/L	—	2.99	Y	U	UJ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.99	—	1170	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.99	—	11.9	—	µg/L	—	2.99	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.713	0.906	20000	—	pCi/L	2.999	—	Y	U	U	N3B-2021-220	CAPA-21-209072	ARSL
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.358	—	30	1.19	µg/L	—	0.067	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.241	0.0465	27.2	0.715	pCi/L	0.137	—	Y	—	NQ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00708	0.0123	28.8	—	pCi/L	0.117	—	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.132	0.0319	30	—	pCi/L	0.124	—	Y	—	NQ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.45	—	63.1	—	µg/L	—	1.0	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.25	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-190	CAPA-21-209071	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.305	—	535	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.305	—	—	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	64.2	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.031	0.0124	—	0.0167*r	pCi/L	0.068	—	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0409	—	—	0.1*r	mg/L	—	0.017	Y	J	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.27	—	130	—	µg/L	—	4.27	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.305	—	1720	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0344	—	0.5	—	µg/L	—	0.0344	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0344	—	0.5	—	µg/L	—	0.0344	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0344	—	0.5	—	µg/L	—	0.0344	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0344	—	0.5	—	µg/L	—	0.0344	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0344	—	0.5	—	µg/L	—	0.0344	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0344	—	0.5	—	µg/L	—	0.0344	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0344	—	0.5	—	µg/L	—	0.0344	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1262	37324-23-5	N	0.0344	—	0.5	—	µg/L	—	0.0344	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.05	—	3	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	15.9	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.96	—	0.00109	—	µg/L	—	3.96	Y	U	UJ	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.305	—	0.12	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.305	—	0.2	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.305	—	0.343	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.305	—	—	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.305	—	3.43	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	13.4	—	75000	—	µg/L	—	6.09	Y	J	J	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.05	—	2000	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.05	—	59	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.05	—	0.137	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.305	—	6	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.4	—	750	18.7*r	µg/L	—	15.0	Y	J	J	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.305	—	160	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.967	1.26	—	2.93*r	pCi/L	5.11	—	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	2.41	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	UJ	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.05	—	1400	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.35	—	3.7	—	µg/L	—	3.35	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.416	—	733	—	µg/L	—	0.416	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.05	—	91	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3.0	—	50	7.48	µg/L	—	3.0	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.305	—	34.3	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.282	1.56	—	2.65*r	pCi/L	6.13	—	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.305	—	0.0343	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.05	—	7.9	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.05	—	600	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.05	—	75	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.05	—	1.25	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.05	—	45.3	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.305	—	14800	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.305	—	612	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.05	—	354	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.305	—	885	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.05	—	1.52	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.08	—	38.7	—	µg/L	—	5.08	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.05	—	2.37	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.05	—	0.485	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.305	—	200	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.05	—	7	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.05	—	4.59	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.05	—	122	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.05	—	0.78	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.305	—	802	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.305	—	288	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	N	0.033	—	1.6	0.377	mg/L	—	0.033	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.412	0.47	15	2.012*r	pCi/L	2.52	—	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.94	0.847	—	—	pCi/L	2.66	—	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	47.9	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	N	0.00000502	—	—	—	µg/L	—	0.000018	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Heptachlorodibenzodioxins (Total)	37871-00-4	N		—	—	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	N	0.00000502	—	—	—	µg/L	—	0.0000131	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	55673-89-7	N	0.00000502	—	—	—	µg/L	—	0.0000152	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Heptachlorodibenzofurans (Total)	38998-75-3	N		—	—	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.05	—	1	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.05	—	1.39	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.05	—	50	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	39227-28-6	N	0.00000502	—	—	—	µg/L	—	0.0000217	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	57653-85-7	N	0.00000502	—	—	—	µg/L	—	0.0000172	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	19408-74-3	N	0.00000502	—	—	—	µg/L	—	0.0000198	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzodioxins (Total)	34465-46-8	N		—	0.00013	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,4,7,8-]	70648-26-9	N	0.00000502	—	—	—	µg/L	—	0.0000163	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,6,7,8-]	57117-44-9	N	0.00000502	—	—	—	µg/L	—	0.000015	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,7,8,9-]	72918-21-9	N	0.00000502	—	—	—	µg/L	—	0.0000167	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzofuran[2,3,4,6,7,8-]	60851-34-5	N	0.00000502	—	—	—	µg/L	—	0.0000144	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzofurans (Total)	55684-94-1	N		—	—	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.05	—	3.28	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.305	—	0.343	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.56	—	781	—	µg/L	—	3.56	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.56	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.305	—	11.4	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC

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R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.305	—	35.1	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.05	—	930	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.76	—	930	—	µg/L	—	3.76	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.36	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.305	—	1.65	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.566	2.92	—	—	pCi/L	10.8	—	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.912	—	200	2.9	µg/L	—	0.6	Y	J	J	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.538	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.05	—	190	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.05	—	38	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.05	—	1.4	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.05	—	—	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.05	—	—	—	µg/L	—	3.05	Y	U	UJ	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.05	—	0.00167	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-121	CAPA-21-209075	SwRI
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.05	—	0.00491	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.000363	—	0.00491	—	µg/L	—	0.00036	Y	J	U	N3B-2021-121	CAPA-21-209075	SWRI
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.05	—	0.0273	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.000639	—	0.0273	—	µg/L	—	0.00047	Y	—	U	N3B-2021-121	CAPA-21-209075	SWRI
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.05	—	0.11	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-121	CAPA-21-209075	SwRI
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.05	—	0.37	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-121	CAPA-21-209075	SwRI
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-	3268-87-9	N	0.000010	—	—	—	µg/L	—	0.0000271	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	N	0.000010	—	—	—	µg/L	—	0.0000383	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.05	—	9.81	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.05	—	3.07	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Pentachlorodibenzodioxin[1,2,3,7,8-]	40321-76-4	N	0.00000502	—	—	—	µg/L	—	0.000025	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Pentachlorodibenzodioxins (Total)	36088-22-9	N		—	—	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Pentachlorodibenzofuran[1,2,3,7,8-]	57117-41-6	N	0.00000502	—	—	—	µg/L	—	0.0000193	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Pentachlorodibenzofuran[2,3,4,7,8-]	57117-31-4	N	0.00000502	—	—	—	µg/L	—	0.0000205	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Pentachlorodibenzofurans (Totals)	30402-15-4	N		—	—	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.05	—	1	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.298	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.58	—	70	—	ng/L	—	0.58	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.702	—	70	—	ng/L	—	0.702	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.702	—	70	—	ng/L	—	0.702	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.305	—	170	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.05	—	5	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00514	0.00961	—	—	pCi/L	0.0595	—	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0128	0.0118	—	—	pCi/L	0.0664	—	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.54	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	33.5	22.8	—	—	pCi/L	54.6	—	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.05	—	250	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.305	—	117	—	µg/L	—	0.305	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.05	—	20	—	µg/L	—	3.05	Y	U	UJ	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.477	0.133	5	—	pCi/L	0.286	—	Y	—	NQ	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	0.477	0.234	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.227	0.192	5	—	pCi/L	0.736	—	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.5	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.0	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.17	1.32	—	—	pCi/L	5.92	—	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	136.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.7	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.258	0.149	8	—	pCi/L	0.489	—	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	2.71	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-118	CAPA-21-209074	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.05	—	20	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.05	—	1.66	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	N	0.00000132	—	0.00003	—	µg/L	—	0.00000465	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Tetrachlorodibenzodioxins (Total)	41903-57-5	N		—	—	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Tetrachlorodibenzofuran[2,3,7,8-]	51207-31-9	N	0.00000137	—	0.00000184	—	µg/L	—	0.00000376	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Tetrachlorodibenzofurans (Totals)	55722-27-5	N		—	—	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209075	CFA
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.05	—	240	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	133.0	—	1000	161	mg/L	—	3.4	Y	—	J+	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0695	—	—	—	mg/L	—	0.033	Y	J	J+	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	Y	0.367	—	—	1.08	mg/L	—	0.33	Y	J	J	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0502	—	—	—	mg/L	—	0.02	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.05	—	70	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.05	—	1170	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.05	—	11.9	—	µg/L	—	3.05	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	15.132	2.504	20000	—	pCi/L	2.843	—	Y	—	NQ	N3B-2021-219	CAPA-21-209075	ARSL
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.316	—	30	1.19	µg/L	—	0.067	Y	—	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.213	0.0368	27.2	0.715	pCi/L	0.114	—	Y	—	NQ	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0067	0.0101	28.8	—	pCi/L	0.0983	—	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0976	0.0247	30	—	pCi/L	0.104	—	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.55	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	9.3	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-118	CAPA-21-209074	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.301	—	535	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.301	—	—	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	14100	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	—	130	—	µg/L	—	8.0	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	—	SU	—	0.01	Y	H	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	—	0.0415	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	—	0.523	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	mg/L	—	1.45	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General	EPA:310.1	Alkalinity-CO3+HCO3	ALK-	Y	60.9	—	—	72.9	mg/L	—	1.45	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	—	5000	68*r	µg/L	—	68.0	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00462	0.00923	—	0.0167*r	pCi/L	0.0507	—	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0617	—	—	0.1*r	mg/L	—	0.017	Y	—	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.21	—	130	—	µg/L	—	4.21	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.301	—	1720	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	—	6	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0333	—	0.5	—	µg/L	—	0.0333	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0333	—	0.5	—	µg/L	—	0.0333	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0333	—	0.5	—	µg/L	—	0.0333	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0333	—	0.5	—	µg/L	—	0.0333	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0333	—	0.5	—	µg/L	—	0.0333	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0333	—	0.5	—	µg/L	—	0.0333	Y	U	U	N3B-2021-118	CAPA-21-209079	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0333	—	0.5	—	µg/L	—	0.0333	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1262	37324-23-5	N	0.0333	—	0.5	—	µg/L	—	0.0333	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.0	—	10	2.7*r	µg/L	—	2.0	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.01	—	3	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	18.2	—	2000	38.1	µg/L	—	1.0	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.91	—	0.00109	—	µg/L	—	3.91	Y	U	UJ	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.301	—	0.12	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.301	—	0.2	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.301	—	0.343	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.301	—	—	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.301	—	3.43	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	14.5	—	75000	—	µg/L	—	6.01	Y	J	J	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.01	—	2000	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	—	4	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.01	—	59	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.01	—	0.137	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.301	—	6	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.0	—	750	18.7*r	µg/L	—	15.0	Y	J	J	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067*r	mg/L	—	0.067	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	—	62	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	—	83	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	—	7.54	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	—	2000	—	µg/L	—	15.0	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	5560	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	—	2000	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	—	690	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.301	—	160	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	—	5	0.11*r	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.9	—	—	17.03	mg/L	—	0.05	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	—	810	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.83	1.34	—	2.93*r	pCi/L	5.76	—	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General	EPA:300.0	Chloride	Cl(-1)	Y	3.06	—	250	2.7	mg/L	—	0.067	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	—	0.187	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	—	7.3	—	µg/L	—	1.5	Y	U	UJ	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.01	—	1400	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.31	—	3.7	—	µg/L	—	3.31	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	—	20900	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	—	80	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	—	20.3	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.411	—	733	—	µg/L	—	0.411	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.01	—	91	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	—	233	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	—	250	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.87	—	50	7.48	µg/L	—	3.0	Y	J	J	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.301	—	34.3	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	—	50	1*r	µg/L	—	1.0	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.968	1.23	—	2.65*r	pCi/L	4.5	—	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	—	1000	3*r	µg/L	—	3.0	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	0.2	0.0017*r	mg/L	—	0.00167	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.301	—	0.0343	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.01	—	7.9	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	—	0.2	—	µg/L	—	0.5	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	—	0.05	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	—	0.0747	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	—	600	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.01	—	600	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	—	75	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.01	—	75	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.01	—	1.25	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	—	197	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	—	25	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.01	—	45.3	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	—	370	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	—	3930	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.301	—	14800	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.301	—	612	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.01	—	354	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.301	—	885	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.01	—	1.52	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.01	—	38.7	—	µg/L	—	5.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.01	—	2.37	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.01	—	0.485	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.301	—	200	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.01	—	7	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.01	—	4.59	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	4.59	—	µg/L	—	0.1	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.01	—	122	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.01	—	0.78	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	—	455	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	—	700	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.301	—	802	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.301	—	288	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General	EPA:300.0	Fluoride	F(-1)	N	0.033	—	1.6	0.377	mg/L	—	0.033	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.582	0.257	15	2.012*r	pCi/L	2.17	—	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.31	0.774	—	—	pCi/L	2.54	—	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46.2	—	—	67.1	mg/L	—	0.453	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	N	0.00000497	—	—	—	µg/L	—	0.0000178	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Heptachlorodibenzodioxins (Total)	37871-00-4	N		—	—	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	N	0.00000497	—	—	—	µg/L	—	0.000013	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	55673-89-7	N	0.00000497	—	—	—	µg/L	—	0.0000151	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Heptachlorodibenzofurans (Total)	38998-75-3	N		—	—	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.01	—	1	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	—	1.39	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.01	—	1.39	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.01	—	50	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	39227-28-6	N	0.00000497	—	—	—	µg/L	—	0.0000215	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	57653-85-7	N	0.00000497	—	—	—	µg/L	—	0.000017	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	19408-74-3	N	0.00000497	—	—	—	µg/L	—	0.0000196	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzodioxins (Total)	34465-46-8	N		—	0.00013	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,4,7,8-]	70648-26-9	N	0.00000497	—	—	—	µg/L	—	0.0000161	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,6,7,8-]	57117-44-9	N	0.00000497	—	—	—	µg/L	—	0.0000149	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,7,8,9-]	72918-21-9	N	0.00000497	—	—	—	µg/L	—	0.0000166	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzofuran[2,3,4,6,7,8-]	60851-34-5	N	0.00000497	—	—	—	µg/L	—	0.0000143	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Hexachlorodibenzofurans (Total)	55684-94-1	N		—	—	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.01	—	3.28	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	—	38	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209079	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.301	—	0.343	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	—	1000	—	µg/L	—	30.0	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	—	5910	—	µg/L	—	15.0	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.51	—	781	—	µg/L	—	3.51	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	—	447	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	15	—	µg/L	—	0.5	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.4	—	—	4.18	mg/L	—	0.11	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	—	200	—	µg/L	—	2.0	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	2	—	µg/L	—	0.067	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	—	1.91	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	—	1390	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	—	1240	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	—	5	—	µg/L	—	1.0	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.301	—	11.4	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.301	—	35.1	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.01	—	930	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.71	—	930	—	µg/L	—	3.71	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.31	—	1000	2.5	µg/L	—	0.2	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	—	1.65	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.301	—	1.65	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.66	2.35	—	—	pCi/L	9.16	—	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.31	—	200	2.9	µg/L	—	0.6	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.469	—	10	0.769	mg/L	—	0.017	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.01	—	190	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.01	—	38	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.01	—	1.4	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.01	—	—	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.01	—	—	—	µg/L	—	3.01	Y	U	UJ	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.01	—	0.00167	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	0.00167	—	µg/L	—	0.00018	Y	U	U	N3B-2021-121	CAPA-21-209079	SwRI
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.01	—	0.00491	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	0.00491	—	µg/L	—	0.00036	Y	U	U	N3B-2021-121	CAPA-21-209079	SwRI
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.01	—	0.0273	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.000747	—	0.0273	—	µg/L	—	0.00047	Y	—	U	N3B-2021-121	CAPA-21-209079	SWRI
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.01	—	0.11	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	0.11	—	µg/L	—	0.00018	Y	U	U	N3B-2021-121	CAPA-21-209079	SwRI
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.01	—	0.37	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	—	0.37	—	µg/L	—	0.00033	Y	U	U	N3B-2021-121	CAPA-21-209079	SwRI
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-	3268-87-9	N	0.00000994	—	—	—	µg/L	—	0.0000269	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	N	0.00000994	—	—	—	µg/L	—	0.0000379	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.01	—	9.81	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.01	—	3.07	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Pentachlorodibenzodioxin[1,2,3,7,8-]	40321-76-4	N	0.00000497	—	—	—	µg/L	—	0.0000247	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Pentachlorodibenzodioxins (Total)	36088-22-9	N		—	—	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Pentachlorodibenzofuran[1,2,3,7,8-]	57117-41-6	N	0.00000497	—	—	—	µg/L	—	0.0000192	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Pentachlorodibenzofuran[2,3,4,7,8-]	57117-31-4	N	0.00000497	—	—	—	µg/L	—	0.0000203	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Pentachlorodibenzofurans (Totals)	30402-15-4	N		—	—	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.01	—	1	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.304	—	13.8	0.414	µg/L	—	0.05	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.607	—	70	—	ng/L	—	0.607	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.736	—	70	—	ng/L	—	0.736	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.736	—	70	—	ng/L	—	0.736	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.301	—	170	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.01	—	5	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.019	0.0101	—	—	pCi/L	0.0489	—	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N		0.0108	—	—	pCi/L	0.0546	—	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.63	—	—	2.39	mg/L	—	0.05	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	60.2	20.3	—	—	pCi/L	55.2	—	Y	UI	U	N3B-2021-118	CAPA-21-209079	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	Lab Uncertainty	Screening Value	Background	Report Unit	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.01	—	250	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	—	660	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.301	—	117	—	µg/L	—	0.301	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.01	—	20	—	µg/L	—	3.01	Y	U	UJ	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.35	0.217	5	—	pCi/L	0.253	—	Y	—	NQ	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	Generic:Radium by	Radium-226 and Radium-228	Ra-226+228	Y	1.45	0.269	—	—	pCi/L	—	—	Y	—	NQ	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0987	0.159	5	—	pCi/L	0.57	—	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	—	50	—	µg/L	—	2.0	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	81.9	mg/L	—	0.053	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	—	50	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	—	16	mg/L	—	0.1	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.35	1.16	—	—	pCi/L	4.57	—	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General	EPA:120.1	Specific Conductance	SPEC_CON	Y	127.0	—	—	—	uS/cm	—	1.0	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	58.0	—	11800	157	µg/L	—	1.0	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.168	0.145	8	—	pCi/L	0.489	—	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	—	100	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General	EPA:300.0	Sulfate	SO4(-2)	Y	2.38	—	600	4.59	mg/L	—	0.133	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.01	—	20	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.01	—	1.66	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	N	0.00000165	—	0.00003	—	µg/L	—	0.00000461	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Tetrachlorodibenzodioxins (Total)	41903-57-5	N		—	—	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Tetrachlorodibenzofuran[2,3,7,8-]	51207-31-9	N	0.00000154	—	0.00000184	—	µg/L	—	0.00000372	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	HRGC/HR	SW-846:8290A	Tetrachlorodibenzofurans (Totals)	55722-27-5	N		—	—	—	µg/L	—	—	Y	U	U	N3B-2021-120	CAPA-21-209079	CFA
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	—	5.74	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	—	10	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.01	—	240	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	—	2	—	µg/L	—	0.6	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	12000	—	µg/L	—	2.5	Y	U	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	1000	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General	EPA:160.1	Total Dissolved Solids	TDS	Y	136.0	—	1000	161	mg/L	—	3.4	Y	—	J+	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	General	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	mg/L	—	0.033	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	General	SW-846:9060A	Total Organic Carbon	TOC	Y	0.465	—	—	1.08	mg/L	—	0.33	Y	J	J	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		—	70	—	ng/L	—	—	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0318	—	—	—	mg/L	—	0.02	Y	J	J	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	—	55000	—	µg/L	—	2.0	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	—	7	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	—	70	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.01	—	70	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	—	200	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	5	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	—	1140	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.01	—	1170	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.01	—	11.9	—	µg/L	—	3.01	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	—	0.00835	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	—	56	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	—	60	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	3.095	1.132	20000	—	pCi/L	3.325	—	Y	U	UJ	N3B-2021-219	CAPA-21-209079	ARSL
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.32	—	30	1.19	µg/L	—	0.067	Y	—	U	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.232	0.0394	27.2	0.715	pCi/L	0.128	—	Y	—	NQ	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0187	0.0159	28.8	—	pCi/L	0.11	—	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.127	0.0286	30	—	pCi/L	0.116	—	Y	—	NQ	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.73	—	63.1	—	µg/L	—	1.0	Y	J	J	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	—	409	—	µg/L	—	1.5	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	—	2	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	193	—	µg/L	—	0.3	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.45	—	10000	—	µg/L	—	3.3	Y	J	U	N3B-2021-118	CAPA-21-209078	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.82	—	—	0.01	SU	Y	H	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	89.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	80.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	80.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	98.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	87.6	—	—	1.45	mg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	90	—	—	1.45	mg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0287	0.013	0.0626	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0132	0.00825	0.0442	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0387	0.0114	0.0456	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0404	0.00973	0.0439	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00683	0.0424	—	pCi/L	Y	U	U	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00408	0.00763	0.0499	—	pCi/L	Y	U	U	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.24	—	—	2	µg/L	Y	J	J	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.91	—	—	2	µg/L	Y	J	J	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.94	—	—	2	µg/L	Y	J	J	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.69	—	—	2	µg/L	Y	J	J	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.18	—	—	2	µg/L	Y	J	J	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.35	—	—	1.7	µg/L	Y	J	J	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	57.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	59.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	59.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	56.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	53.6	—	—	1	µg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	60.3	—	—	1	µg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.2	—	—	15	µg/L	Y	J	J	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.124	—	—	0.067	mg/L	Y	J	J	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.123	—	—	0.067	mg/L	Y	J	J	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.117	—	—	0.067	mg/L	Y	J	J	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0941	—	—	0.067	mg/L	Y	J	J	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.104	—	—	0.067	mg/L	Y	J	J	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.112	—	—	0.067	mg/L	Y	J	J	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	30.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	30.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	30.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	28.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	28.2	—	—	0.05	mg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	30.2	—	—	0.05	mg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.47	1.65	4.41	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.85	1.53	4.21	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.952	1.03	3.88	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.09	1.12	3.96	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.627	1.31	4.96	—	pCi/L	Y	U	U	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.443	1.47	4.62	—	pCi/L	Y	U	U	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	29.6	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	39.1	—	—	0.67	mg/L	Y	—	J+	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	39.2	—	—	0.67	mg/L	Y	—	J+	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.6	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	26.6	—	—	0.335	mg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	32.4	—	—	0.335	mg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.25	1.34	5.7	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.04	1.42	5.01	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188487	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.54	1.35	5.4	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.999	0.94	4.1	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.738	1.37	5.63	—	pCi/L	Y	U	U	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.42	1.11	4.28	—	pCi/L	Y	U	U	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	2.59	—	—	0.1	µg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.98	—	—	2.98	µg/L	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.2	—	—	3.2	µg/L	Y	U	U	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.07	—	—	3.07	µg/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	4.46	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	4.51	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.13	—	—	3.13	µg/L	Y	U	U	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.23	—	—	3.23	µg/L	Y	U	U	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	11	—	—	3.3	µg/L	Y	U	U	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.144	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.223	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.262	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.118	—	—	0.033	mg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.147	—	—	0.033	mg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.658	0.676	2.54	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.38	1.23	2.92	—	pCi/L	Y	—	NQ	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.503	0.782	2.91	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.83	1.03	2.76	—	pCi/L	Y	—	NQ	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.7	0.845	2.39	—	pCi/L	Y	U	U	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.462	0.678	2.89	—	pCi/L	Y	U	U	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.16	0.937	2.19	—	pCi/L	Y	—	NQ	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.65	0.766	2.43	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.29	0.827	2.74	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.76	0.999	2.73	—	pCi/L	Y	—	NQ	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.89	1.13	2.92	—	pCi/L	Y	—	NQ	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.91	0.893	2.27	—	pCi/L	Y	—	NQ	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	124	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	122	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	122	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	113	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	112	—	—	0.453	mg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	119	—	—	0.453	mg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	11.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	11.1	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	11.1	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	10.1	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	10	—	—	0.11	mg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	10.5	—	—	0.11	mg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.42	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.47	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.36	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.27	—	—	0.2	µg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.3	µg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.91	2.9	9.82	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	9.13	3.63	10.2	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.15	2.14	8.17	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.03	2.07	7.5	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.302	2.29	8.5	—	pCi/L	Y	U	U	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.89	2.32	7.41	—	pCi/L	Y	U	U	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.712	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.754	—	—	0.017	mg/L	Y	—	J+	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.752	—	—	0.017	mg/L	Y	—	J+	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.22	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.945	—	—	0.085	mg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.712	—	—	0.017	mg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.98	—	—	2.98	µg/L	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.00115	—	—	0.00047	µg/L	Y	—	NQ	N3B-2021-153	CAPA-21-208923	SwRI
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	—	0.00047	µg/L	Y	U	U	N3B-2020-171	CAPA-20-188487	SwRI
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	—	0.00047	µg/L	Y	U	U	N3B-2020-171	CAPA-20-188489	SwRI
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.2	—	—	3.2	µg/L	Y	U	U	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.07	—	—	3.07	µg/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.13	—	—	3.13	µg/L	Y	U	U	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.23	—	—	3.23	µg/L	Y	U	U	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	11	—	—	3.3	µg/L	Y	U	U	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.245	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.217	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.205	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.254	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.237	—	—	0.05	µg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.29	—	—	0.05	µg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0123	0.0136	0.0951	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00999	0.00706	0.0453	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00478	0.0612	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00205	0.00681	0.0356	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00476	0.0337	—	pCi/L	Y	U	U	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0116	0.00896	0.046	—	pCi/L	Y	U	U	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0451	0.0205	0.106	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0175	0.009	0.0439	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00477	0.0595	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00821	0.00649	0.0391	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00582	0.0101	0.0436	—	pCi/L	Y	U	U	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00231	0.00693	0.0531	—	pCi/L	Y	U	U	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.63	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	3.94	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.47	—	—	0.05	mg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.7	—	—	0.05	mg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13	15.3	57.6	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.9	19.6	84	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-13.1	18.2	67.4	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.3	17.4	34.5	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.9	17.3	62.6	—	pCi/L	Y	U	U	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	33.6	23.8	37.7	—	pCi/L	Y	U	U	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.493	0.123	0.21	—	pCi/L	Y	—	NQ	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.43	0.274	0.319	—	pCi/L	Y	—	NQ	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.358	0.152	0.441	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	11/04/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.45	0.14	0.25	—	pCi/L	Y	—	NQ	12-283	CAPA-12-1113	GELC
R-23i S1	400.3	09/16/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.19	0.13	0.43	—	pCi/L	Y	U	U	08-1961	CAPA-08-15030	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.758	0.2	—	—	pCi/L	Y	—	NQ	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.43	0.335	—	—	pCi/L	Y	—	NQ	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.49	0.303	—	—	pCi/L	Y	—	NQ	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.264	0.158	0.52	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0864	0.192	0.693	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	Y	1.13	0.263	0.738	—	pCi/L	Y	—	NQ	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	11/04/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.447	0.17	0.48	—	pCi/L	Y	U	U	12-283	CAPA-12-1113	GELC
R-23i S1	400.3	09/16/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.318	0.17	0.54	—	pCi/L	Y	U	U	08-1961	CAPA-08-15030	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	53.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	52	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	54.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	50.4	—	—	0.053	mg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	51	—	—	0.053	mg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	13.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-23i S1	400.3	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.902	1.18	4.31	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.755	1.38	5.68	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.965	0.787	3.88	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.74	1.33	4.3	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.653	1.44	5.34	—	pCi/L	Y	U	U	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.91	1.34	4.44	—	pCi/L	Y	U	U	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	299	—	—	1	uS/cm	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	330	—	—	1	uS/cm	Y	—	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	319	—	—	1	uS/cm	Y	—	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	285	—	—	1	uS/cm	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	349	—	—	1	uS/cm	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	321	—	—	1	uS/cm	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	196	—	—	1	µg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	183	—	—	1	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	183	—	—	1	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	154	—	—	1	µg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	165	—	—	1	µg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	175	—	—	1	µg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.083	0.143	0.491	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.27	0.118	0.476	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0524	0.131	0.479	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.207	0.146	0.487	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0847	0.125	0.449	—	pCi/L	Y	U	U	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.164	0.141	0.481	—	pCi/L	Y	U	U	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	15.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.6	—	—	1.33	mg/L	Y	—	J+	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.7	—	—	1.33	mg/L	Y	—	J+	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	14.8	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.5	—	—	0.133	mg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.1	—	—	0.133	mg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	5.49	—	—	2.5	µg/L	Y	J	J	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.77	—	—	2.5	µg/L	Y	J	J	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.88	—	—	2.5	µg/L	Y	J	J	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	234	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	234	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	233	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	229	—	—	3.4	mg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	221	—	—	3.4	mg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.113	—	—	0.033	mg/L	Y	—	J+	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.108	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.075	—	—	0.033	mg/L	Y	J	J	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.562	—	—	0.33	mg/L	Y	J	J	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.444	—	—	0.33	mg/L	Y	J	J	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.563	—	—	0.33	mg/L	Y	J	J	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.422	—	—	0.33	mg/L	Y	J	J	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.635	—	—	0.33	mg/L	Y	J	J	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.495	—	—	0.33	mg/L	Y	J	J	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	56.267	8.579	2.979	—	pCi/L	Y	—	NQ	N3B-2021-219	CAPA-21-208923	ARSL
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	100.304	15.185	3.179	—	pCi/L	Y	—	NQ	N3B-2020-187	CAPA-20-188487	ARSL
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	105.704	15.991	3.126	—	pCi/L	Y	—	NQ	N3B-2020-187	CAPA-20-188489	ARSL
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	42.054	6.482	3.163	—	pCi/L	Y	—	NQ	N3B-2019-244	CAPA-19-163562	ARSL
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	66.083	10.021	2.361	—	pCi/L	Y	—	NQ	2018-585	CAPA-18-147577	ARSL
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	77.1	47.9	159	—	pCi/L	Y	U	U	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.689	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208922	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-23i S1	400.3	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.504	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.492	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.696	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.611	—	—	0.067	µg/L	Y	—	NQ	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.62	—	—	0.067	µg/L	Y	—	NQ	2017-233	CAPA-16-126660	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.392	0.0536	0.132	—	pCi/L	Y	—	NQ	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.325	0.0375	0.0779	—	pCi/L	Y	—	NQ	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.33	0.0401	0.088	—	pCi/L	Y	—	NQ	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.425	0.0465	0.142	—	pCi/L	Y	—	J	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.367	0.0289	0.0465	—	pCi/L	Y	—	NQ	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.55	0.0574	0.291	—	pCi/L	Y	—	NQ	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0463	0.0229	0.113	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0149	0.0102	0.0562	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00555	0.0109	0.0635	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0382	0.0186	0.138	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0272	0.0102	0.0495	—	pCi/L	Y	U	U	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0319	0.0181	0.152	—	pCi/L	Y	U	U	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.237	0.0406	0.12	—	pCi/L	Y	—	NQ	N3B-2021-145	CAPA-21-208923	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.193	0.0282	0.0911	—	pCi/L	Y	—	NQ	N3B-2020-170	CAPA-20-188487	GELC
R-23i S1	400.3	10/22/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.256	0.0352	0.103	—	pCi/L	Y	—	NQ	N3B-2020-170	CAPA-20-188489	GELC
R-23i S1	400.3	10/23/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.3	0.0395	0.14	—	pCi/L	Y	—	NQ	N3B-2019-215	CAPA-19-163562	GELC
R-23i S1	400.3	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.273	0.0253	0.045	—	pCi/L	Y	—	NQ	2018-565	CAPA-18-147577	GELC
R-23i S1	400.3	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.269	0.0411	0.196	—	pCi/L	Y	—	NQ	2017-233	CAPA-16-126632	GELC
R-23i S1	400.3	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.94	—	—	1	µg/L	Y	J	J	N3B-2021-145	CAPA-21-208922	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.82	—	—	1	µg/L	Y	J	J	N3B-2020-170	CAPA-20-188486	GELC
R-23i S1	400.3	10/22/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	2.79	—	—	1	µg/L	Y	J	J	N3B-2020-170	CAPA-20-188488	GELC
R-23i S1	400.3	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.11	—	—	1	µg/L	Y	J	J	N3B-2019-215	CAPA-19-163561	GELC
R-23i S1	400.3	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.49	—	—	1	µg/L	Y	J	J	2018-565	CAPA-18-147551	GELC
R-23i S1	400.3	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.79	—	—	1	µg/L	Y	J	J	2017-233	CAPA-16-126660	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.29	—	—	0.01	SU	Y	H	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	0.01	SU	Y	H	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.23	—	—	0.01	SU	Y	H	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	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	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	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	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	76.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	77.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	78.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	80	—	—	1.45	mg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	81	—	—	1.45	mg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00818	0.01	0.0712	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0193	0.00762	0.0483	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0461	0.0111	0.05	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00828	0.00717	0.0363	—	pCi/L	Y	U	U	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00354	0.00501	0.0433	—	pCi/L	Y	U	U	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.99	—	—	2	µg/L	Y	J	J	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.2	—	—	2	µg/L	Y	J	J	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.9	—	—	2	µg/L	Y	J	J	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.72	—	—	2	µg/L	Y	J	J	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.62	—	—	1.7	µg/L	Y	J	J	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	7.17	—	—	1	µg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	6.54	—	—	1	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	7.44	—	—	1	µg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	7.73	—	—	1	µg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	7.82	—	—	1	µg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.7	—	—	15	µg/L	Y	J	J	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15	—	—	15	µg/L	Y	J	J	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-23i S2	470.2	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.8	—	—	0.05	mg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.5	—	—	0.05	mg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.852	1.26	4.51	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.326	1.41	5.17	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.45	1.33	4.12	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.658	1.13	4.02	—	pCi/L	Y	U	U	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.164	1.1	4.21	—	pCi/L	Y	U	U	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.46	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.68	—	—	0.067	mg/L	Y	—	J+	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.97	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.47	—	—	0.067	mg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.84	—	—	0.067	mg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.92	1.35	5.62	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.75	1.23	5.6	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.912	1.08	3.82	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.901	0.82	2.94	—	pCi/L	Y	U	U	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.816	1.46	5.96	—	pCi/L	Y	U	U	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.179	—	—	0.1	µg/L	Y	J	J	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	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-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.12	—	—	3.12	µg/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.171	—	—	0.1	µg/L	Y	J	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.13	—	—	3.13	µg/L	Y	U	U	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.13	—	—	3.13	µg/L	Y	U	U	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10.9	—	—	3.26	µg/L	Y	U	U	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.169	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.247	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.213	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.125	—	—	0.033	mg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.18	—	—	0.033	mg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.47	0.705	2.02	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.733	0.798	2.85	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.511	0.469	2.35	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.331	0.646	2.59	—	pCi/L	Y	U	U	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.442	0.707	2.88	—	pCi/L	Y	U	U	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.693	0.675	2.33	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.49	0.92	2.88	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.52	0.876	2.88	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.9	0.936	2.73	—	pCi/L	Y	—	NQ	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.45	0.956	2.84	—	pCi/L	Y	—	NQ	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	78.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	72.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	74.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	76	—	—	0.453	mg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	74.7	—	—	0.453	mg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.97	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.57	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.55	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.86	—	—	0.11	mg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.69	—	—	0.11	mg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.61	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.53	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.46	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.59	—	—	0.2	µg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.6	—	—	0.3	µg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.05	2.55	8.81	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.39	2.38	8.18	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.569	1.9	7.02	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.1	2.32	7.6	—	pCi/L	Y	U	U	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.25	2.06	7.38	—	pCi/L	Y	U	U	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.913	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.03	—	—	0.017	mg/L	Y	—	J+	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.15	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-23i S2	470.2	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.913	—	—	0.017	mg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.958	—	—	0.017	mg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	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-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.00185	—	—	0.00047	µg/L	Y	—	NQ	N3B-2021-153	CAPA-21-209290	SwRI
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	—	0.00047	µg/L	Y	U	U	N3B-2020-171	CAPA-20-188493	SwRI
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.12	—	—	3.12	µg/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.13	—	—	3.13	µg/L	Y	U	U	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.13	—	—	3.13	µg/L	Y	U	U	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	10.9	—	—	3.26	µg/L	Y	U	U	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.254	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.257	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.28	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.267	—	—	0.05	µg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.292	—	—	0.05	µg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0117	0.0129	0.0902	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00647	0.0112	0.117	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00681	0.00601	0.0394	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0122	0.00968	0.053	—	pCi/L	Y	U	U	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00474	0.0058	0.0471	—	pCi/L	Y	U	U	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0234	0.101	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0258	0.0158	0.114	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00227	0.00601	0.0433	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0184	0.0122	0.0688	—	pCi/L	Y	U	U	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0142	0.00748	0.0544	—	pCi/L	Y	U	U	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.51	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.63	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.48	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.45	—	—	0.05	mg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.45	—	—	0.05	mg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.7	18.5	55	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.2	18.2	73.3	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.2	14	50.8	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24	16.2	59.4	—	pCi/L	Y	U	U	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-19.3	17.3	66.5	—	pCi/L	Y	U	U	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.54	0.194	0.221	—	pCi/L	Y	—	NQ	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.223	0.0966	0.267	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/20/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0746	0.16	0.6	—	pCi/L	Y	U	U	12-133	CAPA-12-1119	GELC
R-23i S2	470.2	03/14/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.347	0.14	0.41	—	pCi/L	Y	U	U	08-813	CAPA-08-11023	GELC
R-23i S2	470.2	12/19/2007	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.411	0.15	0.42	—	pCi/L	Y	U	U	08-437	CAPA-08-9378	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.54	0.227	—	—	pCi/L	Y	—	NQ	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.223	0.186	—	—	pCi/L	Y	—	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.223	0.117	0.518	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0249	0.159	0.599	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/20/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.275	0.24	0.82	—	pCi/L	Y	U	U	12-133	CAPA-12-1119	GELC
R-23i S2	470.2	03/14/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.22	0.27	0.93	—	pCi/L	Y	U	U	08-813	CAPA-08-11023	GELC
R-23i S2	470.2	12/19/2007	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0178	0.16	0.6	—	pCi/L	Y	U	U	08-437	CAPA-08-9378	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	44	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	41.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	43	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	42	—	—	0.053	mg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.1	—	—	0.053	mg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.879	1.51	4.67	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.762	1.14	4.93	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0216	0.92	3.53	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.236	1.16	4.6	—	pCi/L	Y	U	U	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.885	1.13	5	—	pCi/L	Y	U	U	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	189	—	—	1	uS/cm	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-23i S2	470.2	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	180	—	—	1	uS/cm	Y	—	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	203	—	—	1	uS/cm	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	239	—	—	1	uS/cm	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	207	—	—	1	uS/cm	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	86.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	81.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	90.8	—	—	1	µg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	88.5	—	—	1	µg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.377	0.152	0.484	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0947	0.133	0.471	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.139	0.141	0.485	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.286	0.137	0.435	—	pCi/L	Y	U	U	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.253	0.148	0.487	—	pCi/L	Y	U	U	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.82	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.05	—	—	0.133	mg/L	Y	—	J+	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.28	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.85	—	—	0.133	mg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.34	—	—	0.133	mg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	344	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.218	—	—	0.033	mg/L	Y	—	J+	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0462	—	—	0.033	mg/L	Y	J	J	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.422	—	—	0.33	mg/L	Y	J	J	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.395	—	—	0.33	mg/L	Y	J	J	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.524	—	—	0.33	mg/L	Y	J	J	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.372	—	—	0.33	mg/L	Y	J	J	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	16.718	2.762	3.105	—	pCi/L	Y	—	NQ	N3B-2021-219	CAPA-21-209290	ARSL
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	17.87	2.957	3.292	—	pCi/L	Y	—	NQ	N3B-2020-187	CAPA-20-188493	ARSL
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	14.946	2.493	2.92	—	pCi/L	Y	—	NQ	N3B-2019-244	CAPA-19-163565	ARSL
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	14.382	2.326	2.189	—	pCi/L	Y	—	NQ	2018-585	CAPA-18-147578	ARSL
R-23i S2	470.2	04/05/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	13.863	2.241	2.041	—	pCi/L	Y	—	J-	2017-1321	CAPA-17-130709	ARSL
R-23i S2	470.2	04/05/2017	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	20.743	3.485	4.098	—	pCi/L	Y	—	J-	2017-1321	CAPA-17-130759	ARSL
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.598	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.561	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-170	CAPA-20-188492	GELC
R-23i S2	470.2	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.563	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.565	—	—	0.067	µg/L	Y	—	NQ	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.601	—	—	0.067	µg/L	Y	—	NQ	2017-233	CAPA-16-126661	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.474	0.0551	0.122	—	pCi/L	Y	—	NQ	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.359	0.0504	0.118	—	pCi/L	Y	—	NQ	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.516	0.057	0.174	—	pCi/L	Y	—	NQ	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.449	0.0365	0.0605	—	pCi/L	Y	—	NQ	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.388	0.0469	0.267	—	pCi/L	Y	—	NQ	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0177	0.0196	0.105	—	pCi/L	Y	U	U	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00737	0.0173	0.0852	—	pCi/L	Y	U	U	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00356	0.0114	0.169	—	pCi/L	Y	U	U	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0636	0.0158	0.0644	—	pCi/L	Y	U	U	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0422	0.0189	0.139	—	pCi/L	Y	U	U	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.26	0.0412	0.111	—	pCi/L	Y	—	NQ	N3B-2021-145	CAPA-21-209290	GELC
R-23i S2	470.2	10/22/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.246	0.0411	0.138	—	pCi/L	Y	—	NQ	N3B-2020-170	CAPA-20-188493	GELC
R-23i S2	470.2	10/23/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.174	0.037	0.172	—	pCi/L	Y	—	NQ	N3B-2019-215	CAPA-19-163565	GELC
R-23i S2	470.2	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.189	0.0246	0.0585	—	pCi/L	Y	—	NQ	2018-565	CAPA-18-147578	GELC
R-23i S2	470.2	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.255	0.0379	0.179	—	pCi/L	Y	—	NQ	2017-233	CAPA-16-126633	GELC
R-23i S2	470.2	10/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.72	—	—	1	µg/L	Y	J	J	N3B-2021-145	CAPA-21-208941	GELC
R-23i S2	470.2	10/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.42	—	—	1	µg/L	Y	J	J	N3B-2020-170	CAPA-20-188492	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-23i S2	470.2	10/23/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.1	—	—	1	µg/L	Y	J	J	N3B-2019-215	CAPA-19-163564	GELC
R-23i S2	470.2	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.52	—	—	1	µg/L	Y	J	J	2018-565	CAPA-18-147552	GELC
R-23i S2	470.2	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.58	—	—	1	µg/L	Y	J	J	2017-233	CAPA-16-126661	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.82	—	—	1.5	µg/L	Y	J	J	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.72	—	—	1.5	µg/L	Y	J	J	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	04/24/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2019-1608	CAMO-19-171734	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	04/03/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-2295	CAMO-18-153157	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.51	—	—	0.01	SU	Y	H	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.52	—	—	0.01	SU	Y	H	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.38	—	—	0.01	SU	Y	H	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.4	—	—	0.01	SU	Y	H	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	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	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.39	—	—	0.01	SU	Y	H	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	0.01	SU	Y	H	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.38	—	—	0.01	SU	Y	H	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	5.09	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	7.95	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2	—	—	1.45	mg/L	Y	J	J	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2	—	—	1.45	mg/L	Y	J	J	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.6	—	—	1.45	mg/L	Y	J	J	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.79	—	—	1.45	mg/L	Y	J	J	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	108	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	107	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	105	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	106	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	103	—	—	1.45	mg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	104	—	—	1.45	mg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	106	—	—	1.45	mg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	106	—	—	1.45	mg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00000000168	0.00797	0.0553	—	pCi/L	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00518	0.0082	0.0519	—	pCi/L	Y	U	U	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0121	0.00858	0.0483	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00623	0.00856	0.0496	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00827	0.0117	0.0725	—	pCi/L	Y	U	U	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00248	0.00657	0.0435	—	pCi/L	Y	U	U	2018-584	CAMO-18-147683	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0521	0.0138	0.0796	—	pCi/L	Y	U	U	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00414	0.00655	0.0506	—	pCi/L	Y	U	U	2017-208	CAMO-16-126696	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.58	—	—	2	µg/L	Y	J	J	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.73	—	—	2	µg/L	Y	J	J	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.94	—	—	2	µg/L	Y	J	J	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	4.26	—	—	2	µg/L	Y	J	J	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.59	—	—	2	µg/L	Y	J	J	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	2.59	—	—	2	µg/L	Y	J	J	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	1.77	—	—	1.7	µg/L	Y	J	J	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	1.7	—	—	1.7	µg/L	Y	J	J	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	7.74	—	—	1	µg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	8.11	—	—	1	µg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	8.77	—	—	1	µg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	8.55	—	—	1	µg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	8.19	—	—	1	µg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	8.33	—	—	1	µg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	8.27	—	—	1	µg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	8.2	—	—	1	µg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	31.2	—	—	15	µg/L	Y	J	J	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	28.7	—	—	15	µg/L	Y	J	J	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	26.3	—	—	15	µg/L	Y	J	J	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	25.9	—	—	15	µg/L	Y	J	J	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	24.2	—	—	15	µg/L	Y	J	J	2018-584	CAMO-18-147635	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-37 S1	929.3	10/25/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	24.7	—	—	15	µg/L	Y	J	J	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	27.6	—	—	15	µg/L	Y	J	J	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	27.7	—	—	15	µg/L	Y	J	J	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	25.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.7	—	—	0.05	mg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.5	—	—	0.05	mg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.6	—	—	0.05	mg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.1	—	—	0.05	mg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.17	1.28	4.23	—	pCi/L	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.17	1.01	4.15	—	pCi/L	Y	U	U	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.689	1.18	4.07	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.626	0.893	3.11	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.86	1.33	4.17	—	pCi/L	Y	U	U	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.534	1.14	4.11	—	pCi/L	Y	U	U	2018-584	CAMO-18-147683	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.64	0.72	2.88	—	pCi/L	Y	U	U	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.374	0.962	3.6	—	pCi/L	Y	U	U	2017-208	CAMO-16-126696	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.96	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.23	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.04	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.04	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.96	—	—	0.067	mg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.95	—	—	0.067	mg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.08	—	—	0.067	mg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.05	—	—	0.067	mg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.224	1.31	5.12	—	pCi/L	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.754	0.973	4.29	—	pCi/L	Y	U	U	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.68	1.01	4.59	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.435	0.944	3.74	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.68	0.892	4.49	—	pCi/L	Y	U	U	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.664	0.887	4.16	—	pCi/L	Y	U	U	2018-584	CAMO-18-147683	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.222	0.89	3.41	—	pCi/L	Y	U	U	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.23	0.947	3.6	—	pCi/L	Y	U	U	2017-208	CAMO-16-126696	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	3.87	—	—	3.02	µg/L	Y	J	J	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	5.41	—	—	0.1	µg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	09/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	4.03	—	—	2.96	µg/L	Y	J	J	N3B-2020-1906	CAMO-20-206497	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	3.17	—	—	3	µg/L	N	J	J	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	6.51	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	04/24/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	3.29	—	—	3	µg/L	Y	J	J	N3B-2019-1608	CAMO-19-171734	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	3.29	—	—	3.09	µg/L	Y	J	J	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	04/03/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.09	—	—	3.09	µg/L	Y	U	U	2018-2295	CAMO-18-153157	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.629	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.615	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.578	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.563	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.513	—	—	0.033	mg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.481	—	—	0.033	mg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.489	—	—	0.033	mg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.481	—	—	0.033	mg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.01	0.924	2.71	—	pCi/L	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.89	1.17	2.95	—	pCi/L	Y	—	NQ	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.658	0.756	2.86	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.18	0.827	2.8	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.42	1.13	2.19	—	pCi/L	Y	—	NQ	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	3.51	0.986	2.14	—	pCi/L	Y	—	NQ	2018-584	CAMO-18-147683	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	2.19	0.746	1.99	—	pCi/L	Y	—	NQ	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.42	0.864	2.79	—	pCi/L	Y	U	U	2017-208	CAMO-16-126696	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.59	0.709	2.18	—	pCi/L	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.33	0.944	2.95	—	pCi/L	Y	U	U	N3B-2020-161	CAMO-20-188377	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.13	0.862	2.74	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.33	0.864	2.73	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.82	0.977	2.7	—	pCi/L	Y	—	NQ	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.67	0.969	2.72	—	pCi/L	Y	—	NQ	2018-584	CAMO-18-147683	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.909	0.649	2.15	—	pCi/L	Y	U	U	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.25	0.893	2.78	—	pCi/L	Y	U	U	2017-208	CAMO-16-126696	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	86	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	84.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	86	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	83.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	84.8	—	—	0.453	mg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	84.1	—	—	0.453	mg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	85.1	—	—	0.453	mg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	83.4	—	—	0.453	mg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.21	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.67	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.62	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.48	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.59	—	—	0.11	mg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.58	—	—	0.11	mg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.78	—	—	0.11	mg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.65	—	—	0.11	mg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.99	—	—	0.2	µg/L	Y	—	J+	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.88	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.8	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.93	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.69	—	—	0.2	µg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.64	—	—	0.2	µg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.59	—	—	0.3	µg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.58	—	—	0.3	µg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.27	2.75	9.78	—	pCi/L	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.14	1.87	7.26	—	pCi/L	Y	U	U	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.05	2.22	8.29	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.93	2.42	6.49	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.48	1.93	7	—	pCi/L	Y	U	U	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.09	2.23	8.55	—	pCi/L	Y	U	U	2018-584	CAMO-18-147683	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.582	1.49	5.66	—	pCi/L	Y	U	U	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.02	2	7.17	—	pCi/L	Y	U	U	2017-208	CAMO-16-126696	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.862	—	—	0.6	µg/L	Y	J	J	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	Y	0.661	—	—	0.5	µg/L	Y	J	J	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.437	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.472	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.459	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.466	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.4	—	—	0.017	mg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.404	—	—	0.017	mg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.424	—	—	0.017	mg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.446	—	—	0.017	mg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.437	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.453	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.432	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.423	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.402	—	—	0.05	µg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.387	—	—	0.05	µg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.457	—	—	0.05	µg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.4	—	—	0.05	µg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00444	0.00629	0.0514	—	pCi/L	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0000000149	0.0244	0.0581	—	pCi/L	Y	U	U	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00198	0.00443	0.0344	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0318	0.02	0.0424	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00735	0.00735	0.0542	—	pCi/L	Y	U	U	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00387	0.0116	0.0571	—	pCi/L	Y	U	U	2018-584	CAMO-18-147683	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.000000000736	0.00541	0.0439	—	pCi/L	Y	U	U	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00437	0.00437	0.0435	—	pCi/L	Y	U	U	2017-208	CAMO-16-126696	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0133	0.00888	0.0574	—	pCi/L	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0096	0.0124	0.0564	—	pCi/L	Y	U	U	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0119	0.00687	0.0378	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00979	0.0115	0.0467	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00735	0.0147	0.0775	—	pCi/L	Y	U	U	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0194	0.0128	0.0816	—	pCi/L	Y	U	U	2018-584	CAMO-18-147683	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000147	0.00698	0.0507	—	pCi/L	Y	U	U	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00437	0.00535	0.0502	—	pCi/L	Y	U	U	2017-208	CAMO-16-126696	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.78	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.96	—	—	0.05	mg/L	Y	—	J+	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.78	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.71	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.61	—	—	0.05	mg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.67	—	—	0.05	mg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.64	—	—	0.05	mg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.1	20.7	55.2	—	pCi/L	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24	12.9	49.7	—	pCi/L	Y	U	U	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-25.6	15.8	51	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-29.2	14.6	45	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	52.4	25.5	42.9	—	pCi/L	Y	UI	U	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-7.04	14.7	60.3	—	pCi/L	Y	U	U	2018-584	CAMO-18-147683	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	2.82	11.5	28.1	—	pCi/L	Y	U	U	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.15	14.1	48	—	pCi/L	Y	U	U	2017-208	CAMO-16-126696	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.546	0.134	0.262	—	pCi/L	Y	—	NQ	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.19	0.098	0.3	—	pCi/L	Y	U	U	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.958	0.217	—	—	pCi/L	Y	—	NQ	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.298	0.217	—	—	pCi/L	Y	—	U	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.412	0.17	0.532	—	pCi/L	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.108	0.193	0.695	—	pCi/L	Y	U	U	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	56.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	56.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	53.4	—	—	0.053	mg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.6	—	—	0.053	mg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	58	—	—	0.053	mg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.5	—	—	0.053	mg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	15.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.5	—	—	0.1	mg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	14.5	—	—	0.1	mg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	16.7	—	—	0.1	mg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.2	—	—	0.1	mg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.818	1.09	4.09	—	pCi/L	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.57	0.865	2.77	—	pCi/L	Y	U	U	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0417	1.16	4.43	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.319	0.929	3.65	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0427	1.21	4.75	—	pCi/L	Y	U	U	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.843	0.785	3.93	—	pCi/L	Y	U	U	2018-584	CAMO-18-147683	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.868	0.761	2.72	—	pCi/L	Y	U	U	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.213	0.844	3.26	—	pCi/L	Y	U	U	2017-208	CAMO-16-126696	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	226	—	—	1	uS/cm	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	217	—	—	1	uS/cm	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	240	—	—	1	uS/cm	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	237	—	—	1	uS/cm	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	281	—	—	1	uS/cm	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	280	—	—	1	uS/cm	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	233	—	—	1	uS/cm	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	235	—	—	1	uS/cm	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	109	—	—	1	µg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	99.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	103	—	—	1	µg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	99.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	104	—	—	1	µg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	112	—	—	1	µg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	110	—	—	1	µg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.239	0.125	0.483	—	pCi/L	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.104	0.127	0.473	—	pCi/L	Y	U	U	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.237	0.0919	0.297	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.283	0.0959	0.344	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.188	0.128	0.428	—	pCi/L	Y	U	U	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.309	0.142	0.45	—	pCi/L	Y	U	U	2018-584	CAMO-18-147683	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.205	0.105	0.345	—	pCi/L	Y	U	U	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.111	0.121	0.486	—	pCi/L	Y	U	U	2017-208	CAMO-16-126696	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.77	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.99	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.92	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.96	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.65	—	—	0.133	mg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.72	—	—	0.133	mg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.85	—	—	0.133	mg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.91	—	—	0.133	mg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	4.99	—	—	2.5	µg/L	Y	J	J	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	Y	2.54	—	—	2.5	µg/L	Y	J	J	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.32	—	—	2.5	µg/L	Y	J	J	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	J+	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	220	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	191	—	—	3.4	mg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	203	—	—	3.4	mg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.347	—	—	0.033	mg/L	Y	—	J+	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-584	CAMO-18-147683	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.5	—	—	0.165	mg/L	Y	U	U	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.5	—	—	0.165	mg/L	Y	U	U	2017-208	CAMO-16-126696	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.396	—	—	0.33	mg/L	Y	J	J	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.475	—	—	0.33	mg/L	Y	J	J	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.338	—	—	0.33	mg/L	Y	J	J	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.467	—	—	0.33	mg/L	Y	J	J	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.384	—	—	0.33	mg/L	Y	J	J	2018-584	CAMO-18-147683	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.347	—	—	0.33	mg/L	Y	J	J	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-208	CAMO-16-126696	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0333	—	—	0.02	mg/L	Y	J	J	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.022	—	—	0.02	mg/L	Y	J	U	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0297	—	—	0.02	mg/L	Y	J	U	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0323	—	—	0.02	mg/L	Y	J	U	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	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	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	29.278	4.564	2.902	—	pCi/L	Y	—	NQ	N3B-2021-219	CAMO-21-208949	ARSL
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	32.745	5.111	3.158	—	pCi/L	Y	—	NQ	N3B-2020-188	CAMO-20-188377	ARSL
R-37 S1	929.3	04/24/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	32.953	5.137	3.163	—	pCi/L	Y	Q	J-	N3B-2019-1618	CAMO-19-171734	ARSL
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	33.287	5.174	3.04	—	pCi/L	Y	—	NQ	N3B-2019-244	CAMO-19-163661	ARSL
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	32.905	5.126	3.141	—	pCi/L	Y	—	NQ	N3B-2019-244	CAMO-19-163664	ARSL
R-37 S1	929.3	04/03/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	20.343	3.256	2.774	—	pCi/L	Y	Q	J-	2018-2312	CAMO-18-153157	ARSL
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.58	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.71	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.45	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	1.56	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.44	—	—	0.067	µg/L	Y	—	NQ	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	1.42	—	—	0.067	µg/L	Y	—	NQ	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	1.52	—	—	0.067	µg/L	Y	—	NQ	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.49	—	—	0.067	µg/L	Y	—	NQ	2017-208	CAMO-16-126703	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.05	0.079	0.113	—	pCi/L	Y	—	NQ	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.23	0.0799	0.0989	—	pCi/L	Y	—	NQ	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.29	0.0842	0.164	—	pCi/L	Y	—	NQ	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.26	0.0867	0.184	—	pCi/L	Y	—	NQ	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.2	0.0741	0.0835	—	pCi/L	Y	—	NQ	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.33	0.075	0.0776	—	pCi/L	Y	—	NQ	2018-584	CAMO-18-147683	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.15	0.0496	0.123	—	pCi/L	Y	—	NQ	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.27	0.0508	0.116	—	pCi/L	Y	—	NQ	2017-208	CAMO-16-126696	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0694	0.0234	0.097	—	pCi/L	Y	U	U	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00942	0.0118	0.0714	—	pCi/L	Y	U	U	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0474	0.0249	0.16	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0542	0.0244	0.179	—	pCi/L	Y	U	U	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0633	0.0214	0.0891	—	pCi/L	Y	U	U	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.046	0.0176	0.0828	—	pCi/L	Y	U	U	2018-584	CAMO-18-147683	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0885	0.0156	0.0634	—	pCi/L	Y	—	NQ	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.116	0.0173	0.0602	—	pCi/L	Y	—	NQ	2017-208	CAMO-16-126696	GELC
R-37 S1	929.3	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.449	0.0511	0.103	—	pCi/L	Y	—	NQ	N3B-2021-130	CAMO-21-208949	GELC
R-37 S1	929.3	10/21/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.487	0.0507	0.116	—	pCi/L	Y	—	NQ	N3B-2020-161	CAMO-20-188377	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.571	0.058	0.162	—	pCi/L	Y	—	NQ	N3B-2019-206	CAMO-19-163661	GELC
R-37 S1	929.3	10/22/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.529	0.0573	0.182	—	pCi/L	Y	—	NQ	N3B-2019-206	CAMO-19-163664	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.566	0.0511	0.0808	—	pCi/L	Y	—	NQ	2018-584	CAMO-18-147650	GELC
R-37 S1	929.3	10/25/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.505	0.0466	0.0751	—	pCi/L	Y	—	NQ	2018-584	CAMO-18-147683	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.55	0.0342	0.0821	—	pCi/L	Y	—	NQ	2017-208	CAMO-16-126685	GELC
R-37 S1	929.3	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.534	0.0331	0.0779	—	pCi/L	Y	—	NQ	2017-208	CAMO-16-126696	GELC
R-37 S1	929.3	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.06	—	—	1	µg/L	Y	—	NQ	N3B-2021-130	CAMO-21-208948	GELC
R-37 S1	929.3	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	Y	16.1	—	—	3.3	µg/L	Y	J	J	N3B-2020-161	CAMO-20-188376	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.56	—	—	1	µg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163660	GELC
R-37 S1	929.3	10/22/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-206	CAMO-19-163663	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.18	—	—	1	µg/L	Y	J	J	2018-584	CAMO-18-147635	GELC
R-37 S1	929.3	10/25/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.4	—	—	1	µg/L	Y	J	J	2018-584	CAMO-18-147680	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.61	—	—	1	µg/L	Y	J	J	2017-208	CAMO-16-126687	GELC
R-37 S1	929.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.63	—	—	1	µg/L	Y	J	J	2017-208	CAMO-16-126703	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.98	—	—	0.01	SU	Y	H	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.99	—	—	0.01	SU	Y	H	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.82	—	—	0.01	SU	Y	H	J-	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	9.01	—	—	0.01	SU	Y	H	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.99	—	—	0.01	SU	Y	H	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.99	—	—	0.01	SU	Y	H	NQ	2018-2417	CAPA-18-152681	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	15.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	11.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	19.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	14.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	13.6	—	—	1.45	mg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	12.4	—	—	1.45	mg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	82.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	82.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	84.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	83.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	81	—	—	1.45	mg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	79	—	—	1.45	mg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.8	—	—	1	µg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	22	—	—	1	µg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.7	—	—	0.05	mg/L	Y	—	J-	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12	—	—	0.05	mg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.35	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.88	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.89	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	—	0.067	mg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	—	0.067	mg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.298	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.435	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.242	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.277	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.238	—	—	0.033	mg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.253	—	—	0.033	mg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	64	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	59.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	55	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	55.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	54	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	52.8	—	—	0.453	mg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	51.7	—	—	0.453	mg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.21	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.5	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.43	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.91	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.79	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.56	—	—	0.11	mg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.49	—	—	0.11	mg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.73	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.74	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.77	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.8	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.82	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.54	—	—	0.2	µg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.71	—	—	0.2	µg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.633	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.587	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.574	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-40 S1	751.59	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.628	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.675	—	—	0.017	mg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.675	—	—	0.017	mg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.174	—	—	0.05	µg/L	Y	J	J	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.212	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.208	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.197	—	—	0.05	µg/L	Y	J	J	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.187	—	—	0.05	µg/L	Y	J	J	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.2	—	—	0.05	µg/L	Y	J	J	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.72	—	—	0.05	mg/L	Y	—	J+	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.72	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.63	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.84	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.8	—	—	0.05	mg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.77	—	—	0.05	mg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	56.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	56.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	49.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	54.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	51.9	—	—	0.053	mg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	50.5	—	—	0.053	mg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	J+	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	13.2	—	—	0.1	mg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	176	—	—	1	uS/cm	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	155	—	—	1	uS/cm	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	183	—	—	1	uS/cm	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	172	—	—	1	uS/cm	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	173	—	—	1	uS/cm	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	172	—	—	1	uS/cm	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	123	—	—	1	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	114	—	—	1	µg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	109	—	—	1	µg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	116	—	—	1	µg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	124	—	—	1	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	124	—	—	1	µg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	120	—	—	1	µg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.21	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.83	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.17	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.31	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.8	—	—	0.133	mg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.8	—	—	0.133	mg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	J	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	107	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0762	—	—	0.033	mg/L	Y	J	J+	N3B-2021-190	CAPA-21-208954	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	UJ	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/30/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-271	CAPA-20-188501	GELC
R-40 S1	751.59	04/12/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-1374	CAPA-19-171623	GELC
R-40 S1	751.59	10/25/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-262	CAPA-19-163573	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0205	—	—	0.02	mg/L	Y	J	J	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0572	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-40 S1	751.59	04/12/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0629	—	—	0.02	mg/L	Y	—	U	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.049	—	—	0.02	mg/L	Y	J	J	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	09/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.66	—	—	0.3	µg/L	Y	J	J	N3B-2020-1882	CAPA-20-206483	GELC
R-40 S1	751.59	10/30/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-268	CAPA-20-188501	GELC
R-40 S1	751.59	04/12/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	1.03	—	—	0.3	µg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171623	GELC
R-40 S1	751.59	10/25/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	Y	0.47	—	—	0.3	µg/L	Y	J	J	N3B-2019-262	CAPA-19-163573	GELC
R-40 S1	751.59	04/12/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-2417	CAPA-18-151764	GELC
R-40 S1	751.59	04/12/2018	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-2417	CAPA-18-152679	GELC
R-40 S1	751.59	10/22/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.134	0.932	2.841	—	pCi/L	Y	U	U	N3B-2021-220	CAPA-21-208954	ARSL
R-40 S1	751.59	10/30/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.15	0.912	2.966	—	pCi/L	Y	U	U	N3B-2020-244	CAPA-20-188501	ARSL
R-40 S1	751.59	04/12/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.548	0.724	2.469	—	pCi/L	Y	U	U	N3B-2019-1416	CAPA-19-171623	ARSL
R-40 S1	751.59	10/25/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.889	0.842	2.765	—	pCi/L	Y	U*	U	N3B-2019-294	CAPA-19-163573	ARSL
R-40 S1	751.59	04/12/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-8.319	1.547	3.538	—	pCi/L	Y	QU	U	2018-2480	CAPA-18-151764	ARSL
R-40 S1	751.59	04/12/2018	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-7.89	1.46	3.31	—	pCi/L	Y	QU	U	2018-2480	CAPA-18-152679	ARSL
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.52	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.525	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.461	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.51	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.486	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.454	—	—	0.067	µg/L	Y	—	NQ	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.454	—	—	0.067	µg/L	Y	—	NQ	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.38	—	—	1	µg/L	Y	J	J	N3B-2021-190	CAPA-21-208953	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.43	—	—	1	µg/L	Y	J	J	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.77	—	—	1	µg/L	Y	J	J	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.73	—	—	1	µg/L	Y	J	J	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.42	—	—	1	µg/L	Y	J	J	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.6	—	—	1	µg/L	Y	J	J	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	3.63	—	—	1	µg/L	Y	J	J	2018-2417	CAPA-18-152681	GELC
R-40 S1	751.59	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.13	—	—	3.3	µg/L	Y	J	J	N3B-2020-1882	CAPA-20-206482	GELC
R-40 S1	751.59	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.82	—	—	3.3	µg/L	Y	J	J	N3B-2020-271	CAPA-20-188500	GELC
R-40 S1	751.59	04/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-1374	CAPA-19-171622	GELC
R-40 S1	751.59	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.28	—	—	3.3	µg/L	Y	J	U	N3B-2019-262	CAPA-19-163572	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-2417	CAPA-18-151763	GELC
R-40 S1	751.59	04/12/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.05	—	—	3.3	µg/L	Y	J	J	2018-2417	CAPA-18-152681	GELC
R-55i	510.0	10/16/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	8.056	1.557	2.906	—	pCi/L	Y	—	NQ	N3B-2021-219	CAMO-21-209576	ARSL
R-55i	510.0	10/18/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.639	0.983	3.126	—	pCi/L	Y	U	U	N3B-2020-188	CAMO-20-188852	ARSL
R-55i	510.0	04/12/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.805	0.925	3.057	—	pCi/L	Y	U	U	N3B-2019-1416	CAMO-19-171736	ARSL
R-55i	510.0	10/19/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.309	1.001	3.244	—	pCi/L	Y	U	U	N3B-2019-244	CAMO-19-163665	ARSL
R-55i	510.0	04/06/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.378	0.758	2.59	—	pCi/L	Y	U*	U	2018-2406	CAMO-18-152700	ARSL
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.75	—	—	0.01	SU	Y	H	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.64	—	—	0.01	SU	Y	H	NQ	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.49	—	—	0.01	SU	Y	H	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.56	—	—	0.01	SU	Y	H	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.43	—	—	0.01	SU	Y	H	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	9.39	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	5.96	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.8	—	—	1.45	mg/L	Y	J	J	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.99	—	—	1.45	mg/L	Y	J	J	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2	—	—	1.45	mg/L	Y	J	J	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	66.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	69.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	68.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	68.3	—	—	1.45	mg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	69	—	—	1.45	mg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0161	0.0107	0.0705	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0052	0.009	0.0521	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0148	0.00979	0.0705	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	Y	0.0378	0.00963	0.0331	—	pCi/L	Y	—	NQ	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00384	0.0469	—	pCi/L	Y	U	U	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0321	—	—	0.017	mg/L	Y	J	J	N3B-2021-176	CAPA-21-208956	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-20 S1	904.6	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0261	—	—	0.017	mg/L	Y	J	U	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.057	—	—	0.017	mg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0882	—	—	0.017	mg/L	Y	—	U	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	16.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	120	—	—	1	µg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	115	—	—	1	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	112	—	—	1	µg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	125	—	—	1	µg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	9.88	—	—	6	µg/L	Y	J	J	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.41	—	—	6.41	µg/L	Y	U	U	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.38	—	—	6.38	µg/L	Y	U	U	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.25	—	—	6.25	µg/L	Y	U	U	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	20.8	—	—	6.25	µg/L	Y	U	U	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.1	—	—	0.05	mg/L	Y	N	J-	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.1	—	—	0.05	mg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.452	1.1	4.24	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.862	1.13	4.51	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.08	1.73	5.47	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.44	1.27	3.18	—	pCi/L	Y	U	U	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0103	1.45	5.63	—	pCi/L	Y	U	U	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.34	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.64	—	—	0.067	mg/L	Y	—	J+	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.44	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.12	—	—	0.067	mg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.07	1.33	4.37	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.03	0.997	4.62	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.96	1.88	6.86	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.51	1.17	5.2	—	pCi/L	Y	U	U	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.08	1.67	7.39	—	pCi/L	Y	U	U	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.392	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.404	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.263	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.165	—	—	0.033	mg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.215	—	—	0.033	mg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.384	0.67	2.64	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.36	0.855	2.82	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.738	0.78	2.86	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.762	0.769	2.82	—	pCi/L	Y	U	U	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.734	0.845	2.98	—	pCi/L	Y	U	U	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.92	0.766	2.34	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.58	0.883	2.89	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.8	0.838	2.55	—	pCi/L	Y	—	NQ	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.06	0.957	2.82	—	pCi/L	Y	—	NQ	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.94	0.902	2.56	—	pCi/L	Y	—	NQ	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	59.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.6	—	—	0.453	mg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.1	—	—	0.453	mg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.28	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.48	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.99	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.08	—	—	0.11	mg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.27	—	—	0.11	mg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.29	—	—	0.2	µg/L	Y	—	J+	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.41	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.39	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-20 S1	904.6	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.2	µg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.36	—	—	0.3	µg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.06	2.32	7.78	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.17	2.11	7.77	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.282	3.29	10.4	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.1	2.08	8.15	—	pCi/L	Y	U	U	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.82	2.71	10.5	—	pCi/L	Y	U	U	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.175	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.174	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.224	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.2	—	—	0.017	mg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.208	—	—	0.017	mg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.00067	—	—	0.00047	µg/L	Y	—	NQ	N3B-2021-178	CAPA-21-208957	SwRI
R-20 S1	904.6	10/21/2020	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-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	—	0.00047	µg/L	Y	U	U	N3B-2020-193	CAPA-20-188504	SwRI
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.21	—	—	3.21	µg/L	Y	U	U	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	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	U	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.13	—	—	3.13	µg/L	Y	U	U	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	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	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.165	—	—	0.05	µg/L	Y	J	J	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.152	—	—	0.05	µg/L	Y	J	J	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.175	—	—	0.05	µg/L	Y	J	J	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.188	—	—	0.05	µg/L	Y	J	J	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.173	—	—	0.05	µg/L	Y	J	J	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0142	0.0133	0.0824	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.018	0.0187	0.0466	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00264	0.0127	0.0458	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00392	0.0152	0.0679	—	pCi/L	Y	U	U	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00668	0.00739	0.0443	—	pCi/L	Y	U	U	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.032	0.0138	0.092	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0103	0.00961	0.0453	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00528	0.0124	0.0504	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0117	0.0188	0.088	—	pCi/L	Y	U	U	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0111	0.00589	0.0512	—	pCi/L	Y	U	U	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.95	—	—	0.05	mg/L	Y	—	J+	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.65	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.5	—	—	0.05	mg/L	Y	E	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.5	—	—	0.05	mg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.73	—	—	0.05	mg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-21	17.9	67.6	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-22.8	15.9	57	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.25	19.2	70.4	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.77	20.6	72.1	—	pCi/L	Y	U	U	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.664	16.5	72.7	—	pCi/L	Y	U	U	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.42	0.271	0.439	—	pCi/L	Y	—	NQ	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.578	0.153	0.355	—	pCi/L	Y	—	J	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	11/04/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	3.91	4.15	7.84	—	pCi/L	Y	U	U	125074	GU0411G20R101	GELC
R-20 S1	904.6	09/20/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	21.3	5.26	7.48	—	pCi/L	Y	—	R	122003	GU0409G20R101	GELC
R-20 S1	904.6	05/11/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	8.55	2.29	4.17	—	pCi/L	Y	—	R	112903	GU0405G20R101	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.69	0.341	—	—	pCi/L	Y	—	NQ	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.785	0.227	—	—	pCi/L	Y	—	NQ	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.268	0.207	0.701	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.207	0.167	0.571	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.6	—	—	0.053	mg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.5	—	—	0.053	mg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	N	J-	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-20 S1	904.6	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.8	—	—	0.1	mg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.738	0.976	3.66	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.794	1.15	4.33	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.908	1.41	5.75	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.439	1.19	4.48	—	pCi/L	Y	U	U	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.77	1.55	6.83	—	pCi/L	Y	U	U	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	143	—	—	1	uS/cm	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	126	—	—	1	uS/cm	Y	—	NQ	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	143	—	—	1	uS/cm	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	165	—	—	1	uS/cm	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	139	—	—	1	uS/cm	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	80.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	178	—	—	1	µg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	151	—	—	1	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	140	—	—	1	µg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	164	—	—	1	µg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0319	0.133	0.482	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.275	0.143	0.463	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0844	0.0803	0.284	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.105	0.104	0.43	—	pCi/L	Y	U	U	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.182	0.146	0.495	—	pCi/L	Y	U	U	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.75	—	—	0.133	mg/L	Y	—	J+	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.87	—	—	0.133	mg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.9	—	—	0.133	mg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	16.4	—	—	2.5	µg/L	N	—	R	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	Y	1.01	—	—	1	µg/L	Y	J	J	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	J+	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.142	—	—	0.033	mg/L	Y	—	J+	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0879	—	—	0.033	mg/L	Y	J	J	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0585	—	—	0.033	mg/L	Y	J	J	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.055	—	—	0.033	mg/L	Y	J	J	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.44	—	—	0.33	mg/L	Y	J	J	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.513	—	—	0.33	mg/L	Y	J	J	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.463	—	—	0.33	mg/L	Y	J	J	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.552	—	—	0.33	mg/L	Y	J	J	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.537	—	—	0.33	mg/L	Y	J	J	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	8.363	1.58	2.826	—	pCi/L	Y	—	NQ	N3B-2021-219	CAPA-21-208957	ARSL
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.244	0.906	3.079	—	pCi/L	Y	U	U	N3B-2020-189	CAPA-20-188504	ARSL
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.226	0.907	3.081	—	pCi/L	Y	U	U	N3B-2019-244	CAPA-19-163576	ARSL
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.948	0.866	2.838	—	pCi/L	Y	U	U	2018-585	CAPA-18-147574	ARSL
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.977	0.689	2.263	—	pCi/L	Y	U	U	2017-327	CAPA-16-126629	ARSL
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.548	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.664	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.945	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.809	—	—	0.067	µg/L	Y	—	NQ	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.715	—	—	0.067	µg/L	Y	—	NQ	2017-275	CAPA-16-126657	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.28	0.0445	0.12	—	pCi/L	Y	—	NQ	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.453	0.0309	0.0436	—	pCi/L	Y	—	NQ	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.541	0.0391	0.0859	—	pCi/L	Y	—	NQ	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.534	0.0385	0.0559	—	pCi/L	Y	—	NQ	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.641	0.0602	0.281	—	pCi/L	Y	—	NQ	2017-275	CAPA-16-126629	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.000141	0.0146	0.103	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0319	0.0101	0.0311	—	pCi/L	Y	—	NQ	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0313	0.0117	0.0833	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0163	0.0118	0.0595	—	pCi/L	Y	U	U	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0614	0.0234	0.147	—	pCi/L	Y	U	U	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.151	0.035	0.109	—	pCi/L	Y	—	NQ	N3B-2021-176	CAPA-21-208957	GELC
R-20 S1	904.6	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.217	0.0219	0.0511	—	pCi/L	Y	—	NQ	N3B-2020-182	CAPA-20-188504	GELC
R-20 S1	904.6	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.314	0.0291	0.0848	—	pCi/L	Y	—	NQ	N3B-2019-241	CAPA-19-163576	GELC
R-20 S1	904.6	10/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.285	0.0292	0.0541	—	pCi/L	Y	—	NQ	2018-558	CAPA-18-147574	GELC
R-20 S1	904.6	10/27/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.318	0.0437	0.189	—	pCi/L	Y	—	NQ	2017-275	CAPA-16-126629	GELC
R-20 S1	904.6	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208956	GELC
R-20 S1	904.6	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.02	—	—	1	µg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188503	GELC
R-20 S1	904.6	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.77	—	—	1	µg/L	Y	J	J	N3B-2019-241	CAPA-19-163575	GELC
R-20 S1	904.6	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.39	—	—	1	µg/L	Y	J	J	2018-558	CAPA-18-147548	GELC
R-20 S1	904.6	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.74	—	—	1	µg/L	Y	J	J	2017-275	CAPA-16-126657	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	0.01	SU	Y	H	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	69.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	66.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	68.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	70.3	—	—	1.45	mg/L	Y	—	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	74	—	—	1.45	mg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0176	0.00927	0.0643	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00711	0.00854	0.0475	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0189	0.0124	0.0646	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00998	0.00934	0.0437	—	pCi/L	Y	U	U	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0102	0.0195	0.0831	—	pCi/L	Y	U	U	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0952	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0749	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.266	—	—	0.017	mg/L	Y	—	J+	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0934	—	—	0.017	mg/L	Y	—	U	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	222	—	—	1	µg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	206	—	—	1	µg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	218	—	—	1	µg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	214	—	—	1	µg/L	Y	E	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	223	—	—	1	µg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	11.1	—	—	6	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.32	—	—	6.32	µg/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.32	—	—	6.32	µg/L	Y	U	U	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	20	—	—	6	µg/L	Y	U	UJ	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.3	—	—	15	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.6	—	—	15	µg/L	Y	J	J	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.1	—	—	15	µg/L	Y	J	J	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.2	—	—	0.05	mg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.18	0.876	2.95	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.757	1.45	5.75	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.22	0.868	3.11	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.25	1.75	6.02	—	pCi/L	Y	U	U	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.789	1.35	4.82	—	pCi/L	Y	U	U	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.81	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	—	0.067	mg/L	Y	—	J+	N3B-2020-138	CAPA-20-188506	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.81	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	—	0.067	mg/L	Y	—	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.91	—	—	0.067	mg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.725	1.16	4.32	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.648	1.39	4.9	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.29	0.948	3.88	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.535	1.55	6.07	—	pCi/L	Y	U	U	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.04	1.36	6.31	—	pCi/L	Y	U	U	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.341	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.334	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.294	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.235	—	—	0.033	mg/L	Y	—	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.192	—	—	0.033	mg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.223	0.803	2.93	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.9	0.318	2.82	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.89	0.827	2.5	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.389	0.627	2.46	—	pCi/L	Y	U	U	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.459	0.542	1.9	—	pCi/L	Y	U	U	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.2	0.788	2.35	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.47	0.66	2.04	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.12	0.706	2.27	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.64	0.755	2.26	—	pCi/L	Y	—	NQ	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.51	0.742	2.3	—	pCi/L	Y	—	NQ	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.4	—	—	0.453	mg/L	Y	—	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	47.2	—	—	0.453	mg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	34.8	—	—	30	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	43.5	—	—	30	µg/L	Y	J	J	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.88	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.76	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.72	—	—	0.11	mg/L	Y	—	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.88	—	—	0.11	mg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	71.6	—	—	2	µg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	64.4	—	—	2	µg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	73.3	—	—	2	µg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	73.7	—	—	2	µg/L	Y	—	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	80.9	—	—	2	µg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.48	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.73	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.44	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.58	—	—	0.2	µg/L	Y	—	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.69	—	—	0.3	µg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.99	3.47	6.65	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.64	2.34	8.39	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.1	1.86	6.58	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.66	3.17	10.4	—	pCi/L	Y	U	U	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.23	2.5	8.76	—	pCi/L	Y	U	U	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.15	—	—	0.6	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.78	—	—	0.6	µg/L	Y	J	J	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.06	—	—	0.6	µg/L	Y	J	J	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.845	—	—	0.6	µg/L	Y	J	J	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.07	—	—	0.5	µg/L	Y	J	J	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.222	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.243	—	—	0.017	mg/L	Y	—	J+	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.252	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.214	—	—	0.017	mg/L	Y	—	NQ	2018-539	CAPA-18-147549	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.221	—	—	0.017	mg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.00761	—	—	0.00018	µg/L	Y	—	J	N3B-2021-121	CAPA-21-208960	SwRI
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3	—	—	3	µg/L	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	—	0.00018	µg/L	Y	U	U	N3B-2020-137	CAPA-20-188507	SwRI
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.16	—	—	3.16	µg/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	10	—	—	3	µg/L	Y	U	U	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.0153	—	—	0.00036	µg/L	Y	—	J	N3B-2021-121	CAPA-21-208960	SwRI
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3	—	—	3	µg/L	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00037	—	—	0.00036	µg/L	Y	J	U	N3B-2020-137	CAPA-20-188507	SWRI
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.16	—	—	3.16	µg/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	10	—	—	3	µg/L	Y	U	UJ	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.188	—	—	0.05	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.211	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.207	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.215	—	—	0.05	µg/L	Y	—	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.196	—	—	0.05	µg/L	Y	J	J	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0116	0.00837	0.0537	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0098	0.00775	0.0444	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00786	0.0146	0.0454	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00702	0.014	0.0608	—	pCi/L	Y	U	U	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00333	0.01	0.0663	—	pCi/L	Y	U	U	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0139	0.0109	0.06	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0049	0.0098	0.0431	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0262	0.017	0.0499	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0105	0.0189	0.0788	—	pCi/L	Y	U	U	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00667	0.0766	—	pCi/L	Y	U	U	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.34	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.25	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.23	—	—	0.05	mg/L	Y	—	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.23	—	—	0.05	mg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.7	22.7	38	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-25.5	19.4	71.1	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.36	14.1	45.4	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.7	33.4	59.2	—	pCi/L	Y	U	U	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.6	18	64.6	—	pCi/L	Y	U	U	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.265	0.104	0.296	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.45	0.191	0.575	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	11/08/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	62.2	4.9	7.23	—	pCi/L	Y	—	R	125410	GU0411G20R201	GELC
R-20 S2	1147.1	09/03/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	1.18	1.94	7.03	—	pCi/L	Y	U	U	121005	GU0409G20R201	GELC
R-20 S2	1147.1	05/05/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	17.5	5.9	9.12	—	pCi/L	Y	—	R	112560	GU0405G20R202	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.65	0.239	—	—	pCi/L	Y	—	NQ	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.459	0.251	—	—	pCi/L	Y	—	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	1.39	0.216	0.52	—	pCi/L	Y	—	NQ	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.00872	0.162	0.596	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.2	—	—	0.053	mg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	N	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	E	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.39	1.23	4.96	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.871	1.2	4.56	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.142	0.766	3	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.03	1.47	6.78	—	pCi/L	Y	U	U	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.11	1.41	6.43	—	pCi/L	Y	U	U	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	134	—	—	1	uS/cm	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	119	—	—	1	uS/cm	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	141	—	—	1	uS/cm	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	156	—	—	1	uS/cm	Y	—	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	143	—	—	1	uS/cm	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	203	—	—	1	µg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	193	—	—	1	µg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	211	—	—	1	µg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	188	—	—	1	µg/L	Y	E	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	232	—	—	1	µg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0523	0.133	0.488	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.189	0.143	0.483	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.068	0.129	0.479	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.244	0.135	0.44	—	pCi/L	Y	U	U	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.167	0.132	0.492	—	pCi/L	Y	U	U	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.49	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.56	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.54	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.65	—	—	0.133	mg/L	Y	—	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.59	—	—	0.133	mg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.77	—	—	2.5	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.79	—	—	2.5	µg/L	Y	J	J	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	J+	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	J+	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0791	—	—	0.033	mg/L	Y	J	J+	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	UJ	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	2.96	—	—	0.33	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	2.37	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.41	—	—	0.33	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.59	—	—	0.33	mg/L	Y	—	NQ	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.37	—	—	0.33	mg/L	Y	—	NQ	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.136	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0436	—	—	0.02	mg/L	Y	J	J	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0895	—	—	0.02	mg/L	Y	—	U	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.149	—	—	0.02	mg/L	Y	—	U	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0921	—	—	0.02	mg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.192	0.952	3.095	—	pCi/L	Y	U	U	N3B-2021-219	CAPA-21-208960	ARSL
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.395	0.906	3.085	—	pCi/L	Y	U	U	N3B-2020-187	CAPA-20-188507	ARSL
R-20 S2	1147.1	04/10/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.343	0.874	2.962	—	pCi/L	Y	U*	U	N3B-2019-1365	CAPA-19-171626	ARSL
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.194	0.87	2.93	—	pCi/L	Y	U	U	N3B-2019-244	CAPA-19-163579	ARSL
R-20 S2	1147.1	04/09/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.295	0.76	2.581	—	pCi/L	Y	U*	U	2018-2406	CAPA-18-151766	ARSL
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.474	—	—	0.067	µg/L	Y	—	J+	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.415	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.381	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.383	—	—	0.067	µg/L	Y	—	NQ	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.433	—	—	0.067	µg/L	Y	—	NQ	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.333	0.0533	0.157	—	pCi/L	Y	—	NQ	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.203	0.0363	0.104	—	pCi/L	Y	—	NQ	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.266	0.026	0.0717	—	pCi/L	Y	—	NQ	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.24	0.026	0.0519	—	pCi/L	Y	—	NQ	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.313	0.0309	0.174	—	pCi/L	Y	—	NQ	2017-323	CAPA-16-126630	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00911	0.0178	0.135	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0000661	0.011	0.0749	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00522	0.00738	0.0695	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0182	0.00857	0.0552	—	pCi/L	Y	U	U	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0369	0.0128	0.0898	—	pCi/L	Y	U	U	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.19	0.0401	0.143	—	pCi/L	Y	—	NQ	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.155	0.0329	0.121	—	pCi/L	Y	—	NQ	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.175	0.0206	0.0708	—	pCi/L	Y	—	NQ	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.123	0.0187	0.0502	—	pCi/L	Y	—	NQ	2018-539	CAPA-18-147575	GELC
R-20 S2	1147.1	11/02/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.188	0.0241	0.116	—	pCi/L	Y	—	NQ	2017-323	CAPA-16-126630	GELC
R-20 S2	1147.1	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.09	—	—	1	µg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208959	GELC
R-20 S2	1147.1	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.05	—	—	1	µg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188506	GELC
R-20 S2	1147.1	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.49	—	—	1	µg/L	Y	J	J	N3B-2019-181	CAPA-19-163578	GELC
R-20 S2	1147.1	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.5	—	—	1	µg/L	Y	J	J	2018-539	CAPA-18-147549	GELC
R-20 S2	1147.1	11/02/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.57	—	—	1	µg/L	Y	J	J	2017-323	CAPA-16-126658	GELC
R-20 S2	1147.1	10/15/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	Y	0.51	—	—	0.3	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208960	GELC
R-20 S2	1147.1	10/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-138	CAPA-20-188507	GELC
R-20 S2	1147.1	04/10/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	Y	0.72	—	—	0.3	µg/L	Y	J	J	N3B-2019-1361	CAPA-19-171626	GELC
R-20 S2	1147.1	10/18/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	Y	0.86	—	—	0.3	µg/L	Y	J	J	N3B-2019-181	CAPA-19-163579	GELC
R-20 S2	1147.1	04/09/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	Y	0.74	—	—	0.3	µg/L	Y	J	J	2018-2363	CAPA-18-151766	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	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-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	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	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.58	—	—	0.01	SU	Y	H	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	58.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	59.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	59.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	59.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	59.1	—	—	1.45	mg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	66	—	—	1.45	mg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0119	0.0103	0.0655	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0107	0.0113	0.0586	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00755	0.00975	0.0505	—	pCi/L	Y	U	U	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	12/14/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00995	0.0145	0.0594	—	pCi/L	Y	U	U	N3B-2019-667	CAMO-19-163672	GELC
R-21	888.8	10/16/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00208	0.00691	0.0365	—	pCi/L	Y	U	U	2018-485	CAMO-18-147649	GELC
R-21	888.8	10/17/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0000000147	0.0203	0.0554	—	pCi/L	Y	U	U	2017-150	CAMO-16-126695	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.08	—	—	2	µg/L	Y	J	J	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.06	—	—	2	µg/L	Y	J	J	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	15.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	14.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	13.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	13.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	13.9	—	—	1	µg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	14	—	—	1	µg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.3	—	—	15	µg/L	Y	J	J	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	21.5	—	—	15	µg/L	Y	J	J	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.11	1.32	4.19	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.603	1.42	5	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.95	1.09	4.72	—	pCi/L	Y	U	U	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	12/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.46	1.02	4.22	—	pCi/L	Y	U	U	N3B-2019-667	CAMO-19-163672	GELC
R-21	888.8	10/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.64	1.83	7.02	—	pCi/L	Y	U	U	2018-485	CAMO-18-147649	GELC
R-21	888.8	10/17/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.63	1.05	4.32	—	pCi/L	Y	U	U	2017-150	CAMO-16-126695	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	—	0.067	mg/L	Y	—	J-	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.92	—	—	0.067	mg/L	Y	—	J-	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.99	—	—	0.067	mg/L	Y	—	J+	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.87	—	—	0.067	mg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.067	mg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.634	1.42	5.72	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.555	2.06	7.3	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.08	1.36	6.13	—	pCi/L	Y	U	U	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	12/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.106	0.958	3.7	—	pCi/L	Y	U	U	N3B-2019-667	CAMO-19-163672	GELC
R-21	888.8	10/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.559	1.5	6.36	—	pCi/L	Y	U	U	2018-485	CAMO-18-147649	GELC
R-21	888.8	10/17/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.58	1.36	4.66	—	pCi/L	Y	U	U	2017-150	CAMO-16-126695	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.233	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.406	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.197	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.197	—	—	0.033	mg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.181	—	—	0.033	mg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.996	0.858	2.97	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.995	0.812	2.84	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.331	0.665	2.92	—	pCi/L	Y	U	U	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	12/14/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.348	0.781	2.95	—	pCi/L	Y	U	U	N3B-2019-667	CAMO-19-163672	GELC
R-21	888.8	10/16/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.329	0.698	2.9	—	pCi/L	Y	U	U	2018-485	CAMO-18-147649	GELC
R-21	888.8	10/17/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.25	0.492	2.37	—	pCi/L	Y	U	U	2017-150	CAMO-16-126695	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2	0.853	2.68	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.06	0.832	2.57	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.506	0.711	2.52	—	pCi/L	Y	U	U	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	12/14/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.31	0.9	2.56	—	pCi/L	Y	—	J	N3B-2019-667	CAMO-19-163672	GELC
R-21	888.8	10/16/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.71	0.674	1.81	—	pCi/L	Y	—	NQ	2018-485	CAMO-18-147649	GELC
R-21	888.8	10/17/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.14	0.882	2.97	—	pCi/L	Y	U	U	2017-150	CAMO-16-126695	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.2	—	—	0.453	mg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.2	—	—	0.453	mg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.4	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.21	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.93	—	—	0.11	mg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.9	—	—	0.11	mg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.84	—	—	2	µg/L	Y	J	J	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.9	—	—	2	µg/L	Y	J	J	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.35	—	—	2	µg/L	Y	J	J	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.54	—	—	2	µg/L	Y	J	J	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.97	—	—	2	µg/L	Y	J	J	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.15	—	—	2	µg/L	Y	J	J	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.39	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.31	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.34	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.41	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.35	—	—	0.3	µg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.54	2.75	10.1	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.32	2.39	9.49	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.41	2.24	7.94	—	pCi/L	Y	U	U	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	12/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.0371	1.71	6.31	—	pCi/L	Y	U	U	N3B-2019-667	CAMO-19-163672	GELC
R-21	888.8	10/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.617	3.4	10.4	—	pCi/L	Y	U	U	2018-485	CAMO-18-147649	GELC
R-21	888.8	10/17/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.87	1.84	7.2	—	pCi/L	Y	U	U	2017-150	CAMO-16-126695	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.37	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.378	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.382	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.359	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.345	—	—	0.017	mg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.382	—	—	0.017	mg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.293	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.288	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.268	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.292	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.287	—	—	0.05	µg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.272	—	—	0.05	µg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00287	0.0131	0.0664	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0142	0.0158	0.0655	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0143	0.00942	0.0462	—	pCi/L	Y	U	U	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	12/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00000000136	0.00843	0.0421	—	pCi/L	Y	U	U	N3B-2019-667	CAMO-19-163672	GELC
R-21	888.8	10/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0306	0.0118	0.0408	—	pCi/L	Y	U	U	2018-485	CAMO-18-147649	GELC
R-21	888.8	10/17/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00239	0.00861	0.0475	—	pCi/L	Y	U	U	2017-150	CAMO-16-126695	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0143	0.0125	0.0741	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0283	0.0127	0.0732	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0029	0.01	0.0448	—	pCi/L	Y	U	U	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	12/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0102	0.015	0.0465	—	pCi/L	Y	U	U	N3B-2019-667	CAMO-19-163672	GELC
R-21	888.8	10/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0188	0.0133	0.0529	—	pCi/L	Y	U	U	2018-485	CAMO-18-147649	GELC
R-21	888.8	10/17/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00477	0.00827	0.0549	—	pCi/L	Y	U	U	2017-150	CAMO-16-126695	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.78	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.75	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.74	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.71	—	—	0.05	mg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	30.8	21.7	86	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	40.3	18.4	38.4	—	pCi/L	Y	UI	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-25.6	15.6	58.3	—	pCi/L	Y	U	U	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	12/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.5	14.7	53.3	—	pCi/L	Y	U	U	N3B-2019-667	CAMO-19-163672	GELC
R-21	888.8	10/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.94	19.5	79	—	pCi/L	Y	U	U	2018-485	CAMO-18-147649	GELC
R-21	888.8	10/17/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.2	15.3	56.6	—	pCi/L	Y	U	U	2017-150	CAMO-16-126695	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.71	0.307	0.317	—	pCi/L	Y	—	NQ	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.438	0.134	0.337	—	pCi/L	Y	—	NQ	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.223	0.0967	0.267	—	pCi/L	Y	U	U	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	11/13/2007	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.363	0.2	0.65	—	pCi/L	Y	U	U	08-221	CAMO-08-8609	GELC
R-21	888.8	12/14/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	21.5	5.45	6.84	—	pCi/L	Y	—	R	127578	GU04120G21R01	GELC
R-21	888.8	09/23/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	0.147	3.51	5.56	—	pCi/L	Y	U	U	122193	GU04090G21R01	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.438	0.177	—	—	pCi/L	Y	—	NQ	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.71	0.334	—	—	pCi/L	Y	—	NQ	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.482	0.221	—	—	pCi/L	Y	—	U	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.0825	0.133	0.515	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.118	0.115	0.469	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.259	0.198	0.675	—	pCi/L	Y	U	U	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	11/13/2007	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0753	0.26	0.94	—	pCi/L	Y	U	U	08-221	CAMO-08-8609	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.9	—	—	0.053	mg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70	—	—	0.053	mg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.88	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	9.84	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-21	888.8	12/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.84	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	8.81	—	—	0.1	mg/L	Y	E	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.598	1.36	5.52	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.844	1.99	6.93	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.818	1.09	4.09	—	pCi/L	Y	U	U	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	12/14/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.07	0.624	3.07	—	pCi/L	Y	U	U	N3B-2019-667	CAMO-19-163672	GELC
R-21	888.8	10/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.626	1.39	5.45	—	pCi/L	Y	U	U	2018-485	CAMO-18-147649	GELC
R-21	888.8	10/17/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.397	1.04	3.97	—	pCi/L	Y	U	U	2017-150	CAMO-16-126695	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	131	—	—	1	uS/cm	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	133	—	—	1	uS/cm	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	118	—	—	1	uS/cm	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	124	—	—	1	uS/cm	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	21500	—	—	1	uS/cm	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	123	—	—	1	uS/cm	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	43.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	40.7	—	—	1	µg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.4	—	—	1	µg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0837	0.133	0.486	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.124	0.141	0.487	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.134	0.119	0.468	—	pCi/L	Y	U	U	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	12/14/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.16	0.116	0.473	—	pCi/L	Y	U	U	N3B-2019-667	CAMO-19-163672	GELC
R-21	888.8	10/16/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0635	0.12	0.438	—	pCi/L	Y	U	U	2018-485	CAMO-18-147649	GELC
R-21	888.8	10/17/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.463	0.16	0.485	—	pCi/L	Y	U	U	2017-150	CAMO-16-126695	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.89	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.88	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.91	—	—	0.133	mg/L	Y	—	J+	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2	—	—	0.133	mg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.01	—	—	0.133	mg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	70	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	J	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.014	0.912	3.1	—	pCi/L	Y	U	U	N3B-2021-302	CAMO-21-208963	ARSL
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.945	0.879	2.989	—	pCi/L	Y	U	U	N3B-2021-302	CAMO-21-208965	ARSL
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.964	0.915	2.817	—	pCi/L	Y	U	U	N3B-2020-246	CAMO-20-188849	ARSL
R-21	888.8	04/10/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.257	0.876	2.97	—	pCi/L	Y	U*	U	N3B-2019-1365	CAMO-19-171737	ARSL
R-21	888.8	12/14/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.228	0.9	3.059	—	pCi/L	Y	U	U	N3B-2019-702	CAMO-19-163672	ARSL
R-21	888.8	10/16/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-5.719	1.365	3.855	—	pCi/L	Y	U	U	2018-523	CAMO-18-147649	ARSL
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.37	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.361	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.297	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.31	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.288	—	—	0.067	µg/L	Y	—	NQ	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.324	—	—	0.067	µg/L	Y	—	NQ	2017-150	CAMO-16-126702	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.223	0.0505	0.18	—	pCi/L	Y	—	NQ	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.148	0.0504	0.241	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.187	0.023	0.053	—	pCi/L	Y	—	NQ	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	12/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.211	0.0336	0.105	—	pCi/L	Y	—	NQ	N3B-2019-667	CAMO-19-163672	GELC
R-21	888.8	10/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.33	0.032	0.0587	—	pCi/L	Y	—	NQ	2018-485	CAMO-18-147649	GELC
R-21	888.8	10/17/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.255	0.0385	0.268	—	pCi/L	Y	U	U	2017-150	CAMO-16-126695	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0262	0.0236	0.156	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0196	0.0276	0.208	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00299	0.0079	0.0378	—	pCi/L	Y	U	U	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	12/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0267	0.0137	0.102	—	pCi/L	Y	U	U	N3B-2019-667	CAMO-19-163672	GELC
R-21	888.8	10/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.134	0.0225	0.0625	—	pCi/L	Y	—	NQ	2018-485	CAMO-18-147649	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-21	888.8	10/17/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0846	0.0246	0.14	—	pCi/L	Y	U	U	2017-150	CAMO-16-126695	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.165	0.0419	0.164	—	pCi/L	Y	—	NQ	N3B-2021-276	CAMO-21-208965	GELC
R-21	888.8	10/30/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.15	0.0489	0.219	—	pCi/L	Y	U	U	N3B-2021-276	CAMO-21-208963	GELC
R-21	888.8	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0821	0.0181	0.0622	—	pCi/L	Y	—	NQ	N3B-2020-203	CAMO-20-188849	GELC
R-21	888.8	12/14/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.145	0.0233	0.103	—	pCi/L	Y	—	NQ	N3B-2019-667	CAMO-19-163672	GELC
R-21	888.8	10/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.189	0.0245	0.0568	—	pCi/L	Y	—	NQ	2018-485	CAMO-18-147649	GELC
R-21	888.8	10/17/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.161	0.0307	0.18	—	pCi/L	Y	U	U	2017-150	CAMO-16-126695	GELC
R-21	888.8	10/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.78	—	—	1	µg/L	Y	J	J	N3B-2021-276	CAMO-21-208962	GELC
R-21	888.8	10/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.87	—	—	1	µg/L	Y	J	J	N3B-2021-276	CAMO-21-208964	GELC
R-21	888.8	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.18	—	—	1	µg/L	Y	—	NQ	N3B-2020-203	CAMO-20-188382	GELC
R-21	888.8	12/14/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.82	—	—	1	µg/L	Y	J	J	N3B-2019-667	CAMO-19-163671	GELC
R-21	888.8	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.63	—	—	1	µg/L	Y	J	J	2018-485	CAMO-18-147634	GELC
R-21	888.8	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.41	—	—	1	µg/L	Y	J	J	2017-150	CAMO-16-126702	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.1	—	—	1.5	µg/L	Y	J	J	N3B-2020-1906	CAPA-20-206485	GELC
R-23	816.0	09/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2020-1906	CAPA-20-206495	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.42	—	—	1.5	µg/L	Y	J	J	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	04/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2019-1414	CAPA-19-171628	GELC
R-23	816.0	04/03/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-2295	CAPA-18-151768	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.23	—	—	0.01	SU	Y	H	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	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-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.23	—	—	0.01	SU	Y	H	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	0.01	SU	Y	H	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	70.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	69.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	69.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	70.7	—	—	1.45	mg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	72	—	—	1.45	mg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0271	0.0136	0.0744	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00226	0.00877	0.0454	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00211	0.00869	0.0503	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163583	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00533	0.00653	0.0467	—	pCi/L	Y	U	U	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/26/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00188	0.00774	0.0459	—	pCi/L	Y	U	U	2017-259	CAPA-16-126631	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0199	—	—	0.017	mg/L	Y	J	J	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0503	—	—	0.017	mg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0514	—	—	0.017	mg/L	Y	—	U	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	15	—	—	1	µg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	15.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	18.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	18.2	—	—	1	µg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.1	—	—	1	µg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	N	J-	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.6	—	—	0.05	mg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.7	—	—	0.05	mg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.69	1.77	5.78	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.75	1.71	6.38	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/24/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.104	1.21	4.43	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163583	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.569	1.26	4.08	—	pCi/L	Y	U	U	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/26/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.25	1.19	4.5	—	pCi/L	Y	U	U	2017-259	CAPA-16-126631	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.26	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.34	—	—	0.067	mg/L	Y	—	J+	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.21	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.87	—	—	0.067	mg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.79	—	—	0.067	mg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.83	—	—	3	µg/L	Y	J	J	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.6	—	—	3	µg/L	Y	J	J	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.69	—	—	3	µg/L	Y	J	J	N3B-2019-241	CAPA-19-163582	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-23	816.0	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.65	—	—	3	µg/L	Y	J	J	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	10	—	—	3	µg/L	Y	U	U	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.886	1.58	7.38	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.175	1.86	7.95	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/24/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.906	0.929	3.28	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163583	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.55	1.57	6.06	—	pCi/L	Y	U	U	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/26/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0978	1.08	4.3	—	pCi/L	Y	U	U	2017-259	CAPA-16-126631	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.42	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.522	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.392	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.291	—	—	0.033	mg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.333	—	—	0.033	mg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.563	0.728	2.78	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.17	0.863	2.92	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/24/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.209	0.668	2.76	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163583	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.61	0.908	2.18	—	pCi/L	Y	—	NQ	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/26/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.227	0.743	2.85	—	pCi/L	Y	U	U	2017-259	CAPA-16-126631	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.453	0.567	2.02	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.94	0.891	2.85	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/24/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.91	0.812	2.31	—	pCi/L	Y	—	NQ	N3B-2019-241	CAPA-19-163583	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.9	0.963	2.5	—	pCi/L	Y	—	NQ	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/26/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.66	0.856	2.78	—	pCi/L	Y	U	U	2017-259	CAPA-16-126631	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	59.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	56.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	54.7	—	—	0.453	mg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	58.7	—	—	0.453	mg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.45	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.53	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.93	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.81	—	—	0.11	mg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.12	—	—	0.11	mg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.52	—	—	0.2	µg/L	Y	—	J+	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.51	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.51	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.65	—	—	0.2	µg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.61	—	—	0.3	µg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.148	3.59	12.5	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.36	3.36	12.2	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/24/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.36	2.41	9.38	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163583	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.691	2.9	10.6	—	pCi/L	Y	U	U	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/26/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.852	2.16	8	—	pCi/L	Y	U	U	2017-259	CAPA-16-126631	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.16	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.39	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.32	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.12	—	—	0.17	mg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.23	—	—	0.017	mg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.442	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.458	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.436	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.442	—	—	0.05	µg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.434	—	—	0.05	µg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00329	0.0136	0.0763	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00000000227	0.00944	0.0494	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00663	0.00733	0.0383	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163583	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0041	0.0071	0.0604	—	pCi/L	Y	U	U	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/26/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00827	0.00729	0.0548	—	pCi/L	Y	U	U	2017-259	CAPA-16-126631	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0231	0.00988	0.0852	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00272	0.0105	0.048	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00442	0.00699	0.0421	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163583	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.013	0.0863	—	pCi/L	Y	U	U	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/26/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00551	0.00675	0.0633	—	pCi/L	Y	U	U	2017-259	CAPA-16-126631	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	J+	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.85	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.73	—	—	0.05	mg/L	Y	E	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.6	—	—	0.05	mg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.8	—	—	0.05	mg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-66.9	22.9	72.2	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.38	23.9	95.2	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/24/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.7	16.1	57.3	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163583	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.14	24.3	54.5	—	pCi/L	Y	U	U	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/26/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16.1	14.8	54	—	pCi/L	Y	U	U	2017-259	CAPA-16-126631	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.698	0.205	0.505	—	pCi/L	Y	—	NQ	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.03	0.0899	0.369	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	03/04/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.273	0.1	0.23	—	pCi/L	Y	—	U	08-743	CAPA-08-11054	GELC
R-23	816.0	12/06/2007	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.346	0.14	0.38	—	pCi/L	Y	U	U	08-369	CAPA-08-9335	GELC
R-23	816.0	09/24/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	0.803	3.03	7.99	—	pCi/L	Y	U	U	122193	GU04090GR2301	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.698	0.231	—	—	pCi/L	Y	—	NQ	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.574	0.227	—	—	pCi/L	Y	—	U	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.126	0.106	0.449	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.544	0.208	0.646	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	03/04/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0339	0.18	0.71	—	pCi/L	Y	U	U	08-743	CAPA-08-11054	GELC
R-23	816.0	12/06/2007	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.361	0.15	0.44	—	pCi/L	Y	U	U	08-369	CAPA-08-9335	GELC
R-23	816.0	10/17/2002	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	0	5.9	12	—	pCi/L	Y	UI	R	1329S	GW23-02-49608	GEL
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.4	—	—	0.053	mg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63	—	—	0.053	mg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	N	J-	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.26	1.92	9.35	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.24	1.95	8.67	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/24/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.82	1.1	3.44	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163583	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.59	1.26	5.9	—	pCi/L	Y	U	U	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/26/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.49	1.4	4.75	—	pCi/L	Y	U	U	2017-259	CAPA-16-126631	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	172	—	—	1	uS/cm	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	148	—	—	1	uS/cm	Y	—	NQ	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	169	—	—	1	uS/cm	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	200	—	—	1	uS/cm	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	168	—	—	1	uS/cm	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	82	—	—	1	µg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	81.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	76	—	—	1	µg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	79.3	—	—	1	µg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.418	0.157	0.495	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0142	0.0992	0.367	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/24/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.115	0.141	0.487	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163583	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.249	0.102	0.439	—	pCi/L	Y	U	U	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/26/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.363	0.137	0.489	—	pCi/L	Y	U	U	2017-259	CAPA-16-126631	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.27	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.41	—	—	0.133	mg/L	Y	—	J+	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.28	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.74	—	—	0.133	mg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.94	—	—	0.133	mg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	J+	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-23	816.0	10/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0709	—	—	0.033	mg/L	Y	J	J+	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.11	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/24/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-241	CAPA-19-163583	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/26/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-259	CAPA-16-126631	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.935	0.926	2.866	—	pCi/L	Y	U	U	N3B-2021-219	CAPA-21-208968	ARSL
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.083	0.9	2.932	—	pCi/L	Y	U	U	N3B-2020-189	CAPA-20-188511	ARSL
R-23	816.0	04/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.574	0.771	2.629	—	pCi/L	Y	U	U	N3B-2019-1416	CAPA-19-171628	ARSL
R-23	816.0	10/24/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.626	0.902	3.035	—	pCi/L	Y	U	U	N3B-2019-244	CAPA-19-163583	ARSL
R-23	816.0	04/03/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-2.17	0.825	2.712	—	pCi/L	Y	QU	U	2018-2312	CAPA-18-151768	ARSL
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.417	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.408	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.456	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.414	—	—	0.067	µg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.43	—	—	0.067	µg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.388	0.0556	0.137	—	pCi/L	Y	—	NQ	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.305	0.0272	0.0491	—	pCi/L	Y	—	NQ	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.29	0.026	0.0718	—	pCi/L	Y	—	NQ	N3B-2019-241	CAPA-19-163583	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.442	0.0414	0.0707	—	pCi/L	Y	—	J	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/26/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.392	0.0479	0.293	—	pCi/L	Y	—	NQ	2017-259	CAPA-16-126631	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.02	0.017	0.118	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00553	0.00677	0.035	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0392	0.0108	0.0696	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163583	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0536	0.0198	0.0755	—	pCi/L	Y	U	U	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/26/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0641	0.0228	0.153	—	pCi/L	Y	U	U	2017-259	CAPA-16-126631	GELC
R-23	816.0	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.143	0.0323	0.124	—	pCi/L	Y	—	NQ	N3B-2021-176	CAPA-21-208968	GELC
R-23	816.0	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.139	0.019	0.0576	—	pCi/L	Y	—	NQ	N3B-2020-182	CAPA-20-188511	GELC
R-23	816.0	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.131	0.0187	0.0709	—	pCi/L	Y	—	NQ	N3B-2019-241	CAPA-19-163583	GELC
R-23	816.0	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.164	0.0267	0.0685	—	pCi/L	Y	—	NQ	2018-584	CAPA-18-147576	GELC
R-23	816.0	10/26/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.173	0.0322	0.197	—	pCi/L	Y	U	U	2017-259	CAPA-16-126631	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.79	—	—	1	µg/L	Y	J	J	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.88	—	—	1	µg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.57	—	—	1	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.82	—	—	1	µg/L	Y	—	NQ	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.42	—	—	1	µg/L	Y	—	NQ	2017-259	CAPA-16-126659	GELC
R-23	816.0	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	23.7	—	—	3.3	µg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208967	GELC
R-23	816.0	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-182	CAPA-20-188510	GELC
R-23	816.0	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.53	—	—	3.3	µg/L	Y	J	U	N3B-2019-241	CAPA-19-163582	GELC
R-23	816.0	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-584	CAPA-18-147550	GELC
R-23	816.0	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-259	CAPA-16-126659	GELC
R-32 S1	867.5	09/21/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.83	—	—	1.5	µg/L	Y	J	J	N3B-2020-1847	CAPA-20-206487	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	04/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.7	—	—	1.5	µg/L	Y	BJ	J	N3B-2019-1414	CAPA-19-171630	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	04/11/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-2399	CAPA-18-151769	GELC
R-32 S1	867.5	10/13/2020	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	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.58	—	—	0.01	SU	Y	H	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.41	—	—	0.01	SU	Y	H	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	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	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	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	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	72.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	72.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	72.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	71.7	—	—	1.45	mg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	73	—	—	1.45	mg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00965	0.00747	0.035	—	pCi/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00865	0.00749	0.0433	—	pCi/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00446	0.00998	0.0533	—	pCi/L	Y	U	U	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00265	0.00458	0.0464	—	pCi/L	Y	U	U	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0103	0.00742	0.0503	—	pCi/L	Y	U	U	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0313	—	—	0.017	mg/L	Y	J	J	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2020-106	CAPA-20-188513	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-32 S1	867.5	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.042	—	—	0.017	mg/L	Y	J	J	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0472	—	—	0.017	mg/L	Y	J	J	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.153	—	—	0.017	mg/L	Y	—	J	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33	—	—	1	µg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33	—	—	1	µg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.5	—	—	0.05	mg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0	0.908	3.45	—	pCi/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.798	1.04	3.95	—	pCi/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.491	0.964	3.35	—	pCi/L	Y	U	U	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.313	1.29	4.99	—	pCi/L	Y	U	U	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0722	1.24	4.63	—	pCi/L	Y	U	U	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.03	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.21	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.04	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.96	—	—	0.067	mg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.03	—	—	0.067	mg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.82	1.01	4.77	—	pCi/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.256	0.932	3.75	—	pCi/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.212	0.85	3.37	—	pCi/L	Y	U	U	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.07	1.88	6.64	—	pCi/L	Y	U	U	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.129	1.48	5.79	—	pCi/L	Y	U	U	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.04	—	—	3.04	µg/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.695	—	—	0.1	µg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	RE	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.677	—	—	0.1	µg/L	Y	—	J-	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	1.01	—	—	0.1	µg/L	N	B	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10	—	—	3	µg/L	Y	U	U	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.386	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.467	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.346	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.225	—	—	0.033	mg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.244	—	—	0.033	mg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.26	0.687	2.9	—	pCi/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.65	0.88	2.71	—	pCi/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0863	0.575	2.33	—	pCi/L	Y	U	U	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.04	0.728	1.95	—	pCi/L	Y	—	NQ	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.49	0.658	2.99	—	pCi/L	Y	U	U	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.498	0.656	2.32	—	pCi/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.39	0.786	2.57	—	pCi/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.45	0.89	2.45	—	pCi/L	Y	—	NQ	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.74	1.06	2.87	—	pCi/L	Y	—	NQ	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.82	0.719	2.17	—	pCi/L	Y	U	U	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	59.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	56	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	61	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	60.2	—	—	0.453	mg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	58.5	—	—	0.453	mg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.61	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.99	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.01	—	—	0.11	mg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.79	—	—	0.11	mg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.38	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-32 S1	867.5	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.24	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.34	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.46	—	—	0.2	µg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.35	—	—	0.3	µg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.95	1.89	7.86	—	pCi/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.96	2.16	7.23	—	pCi/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.447	1.87	6.28	—	pCi/L	Y	U	U	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.228	2.73	9.75	—	pCi/L	Y	U	U	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.58	2.43	8.46	—	pCi/L	Y	U	U	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.22	—	—	0.6	µg/L	Y	J	J	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.43	—	—	0.6	µg/L	Y	J	J	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.44	—	—	0.6	µg/L	Y	J	J	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.25	—	—	0.6	µg/L	Y	J	J	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.32	—	—	0.5	µg/L	Y	J	J	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.04	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.13	—	—	0.085	mg/L	Y	—	J+	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.02	—	—	0.085	mg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.1	—	—	0.017	mg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000358	—	—	0.00018	µg/L	Y	J	J	N3B-2021-74	CAPA-21-208971	SwRI
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.04	—	—	3.04	µg/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.000225	—	—	0.00018	µg/L	Y	J	UJ	N3B-2020-125	CAPA-20-188514	SWRI
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3	—	—	3	µg/L	Y	U	U	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	10	—	—	3	µg/L	Y	U	U	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.00391	—	—	0.00036	µg/L	Y	—	J	N3B-2021-74	CAPA-21-208971	SwRI
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.04	—	—	3.04	µg/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00102	—	—	0.00036	µg/L	Y	—	UJ	N3B-2020-125	CAPA-20-188514	SWRI
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3	—	—	3	µg/L	Y	U	U	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	10	—	—	3	µg/L	Y	U	U	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.343	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.364	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	J+	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.373	—	—	0.05	µg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.405	—	—	0.05	µg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0022	0.00906	0.0478	—	pCi/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00262	0.00869	0.0475	—	pCi/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00296	0.00981	0.0512	—	pCi/L	Y	U	U	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00498	0.061	—	pCi/L	Y	U	U	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0299	0.0237	0.0496	—	pCi/L	Y	U	U	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.011	0.00851	0.0647	—	pCi/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00000000305	0.0105	0.0461	—	pCi/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0177	0.0132	0.0564	—	pCi/L	Y	U	U	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00704	0.00704	0.0791	—	pCi/L	Y	U	U	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00249	0.013	0.0573	—	pCi/L	Y	U	U	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.61	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.73	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.68	—	—	0.05	mg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.61	14.4	58.1	—	pCi/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	15.6	21.7	47.8	—	pCi/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.9	13.2	41.4	—	pCi/L	Y	U	U	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.5	25.5	92.7	—	pCi/L	Y	U	U	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.4	17.3	64.5	—	pCi/L	Y	U	U	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.311	0.0994	0.246	—	pCi/L	Y	—	NQ	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.186	0.127	0.429	—	pCi/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/20/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.234	0.13	0.36	—	pCi/L	Y	U	U	12-133	CAPA-12-1143	GELC
R-32 S1	867.5	03/04/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.448	0.17	0.49	—	pCi/L	Y	U	U	08-743	CAPA-08-11055	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-32 S1	867.5	03/04/2008	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.261	0.13	0.4	—	pCi/L	Y	U	U	08-743	CAPA-08-11059	GELC
R-32 S1	867.5	12/14/2007	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.2	0.24	0.39	—	pCi/L	Y	—	NQ	08-401	CAPA-08-9720	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.343	0.193	—	—	pCi/L	Y	—	NQ	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.661	0.216	—	—	pCi/L	Y	—	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0313	0.165	0.605	—	pCi/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.476	0.175	0.525	—	pCi/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/20/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.472	0.24	0.76	—	pCi/L	Y	U	U	12-133	CAPA-12-1143	GELC
R-32 S1	867.5	03/04/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.623	0.24	0.69	—	pCi/L	Y	U	U	08-743	CAPA-08-11055	GELC
R-32 S1	867.5	03/04/2008	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	Y	0.93	0.28	0.71	—	pCi/L	Y	—	NQ	08-743	CAPA-08-11059	GELC
R-32 S1	867.5	12/14/2007	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.478	0.19	0.56	—	pCi/L	Y	U	U	08-401	CAPA-08-9720	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.4	—	—	0.053	mg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.7	—	—	0.053	mg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	J+	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.141	0.977	3.89	—	pCi/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.672	1.18	4.65	—	pCi/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.88	0.851	3.57	—	pCi/L	Y	U	U	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.549	1.44	5.85	—	pCi/L	Y	U	U	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.469	1.44	5.35	—	pCi/L	Y	U	U	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	160	—	—	1	uS/cm	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	142	—	—	1	uS/cm	Y	—	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	163	—	—	1	uS/cm	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	195	—	—	1	uS/cm	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	164	—	—	1	uS/cm	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	75.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	73.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	73.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	74.1	—	—	1	µg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	71.1	—	—	1	µg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.109	0.114	0.434	—	pCi/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.273	0.106	0.369	—	pCi/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0115	0.134	0.477	—	pCi/L	Y	U	U	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0417	0.111	0.437	—	pCi/L	Y	U	U	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.387	0.155	0.486	—	pCi/L	Y	U	U	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.71	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.03	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.89	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.83	—	—	0.133	mg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.13	—	—	0.133	mg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	J	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	J	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.442	—	—	0.33	mg/L	Y	J	J	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.379	—	—	0.33	mg/L	Y	J	J	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.355	—	—	0.33	mg/L	Y	J	J	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.348	—	—	0.33	mg/L	Y	J	J	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.34	—	—	0.33	mg/L	Y	J	J	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.107	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0617	—	—	0.02	mg/L	Y	—	U	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0726	—	—	0.02	mg/L	Y	—	U	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0225	—	—	0.02	mg/L	Y	J	J+	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.485	0.927	3.092	—	pCi/L	Y	U	U	N3B-2021-96	CAPA-21-208971	ARSL
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.028	0.959	2.958	—	pCi/L	Y	U	U	N3B-2020-188	CAPA-20-188514	ARSL

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

Location ID	Screen Depth (ft)	Sample Date	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-32 S1	867.5	04/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.507	0.885	2.988	—	pCi/L	Y	U	U	N3B-2019-1416	CAPA-19-171630	ARSL
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.072	0.743	2.515	—	pCi/L	Y	U	U	N3B-2019-169	CAPA-19-163587	ARSL
R-32 S1	867.5	04/11/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.686	0.8	2.737	—	pCi/L	Y	U*	U	2018-2406	CAPA-18-151769	ARSL
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.61	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.605	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.621	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.606	—	—	0.067	µg/L	Y	—	NQ	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.623	—	—	0.067	µg/L	Y	—	NQ	2017-232	CAPA-16-126663	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.47	0.0363	0.0562	—	pCi/L	Y	—	NQ	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.457	0.0442	0.0769	—	pCi/L	Y	—	NQ	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.46	0.0368	0.0869	—	pCi/L	Y	—	NQ	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.581	0.0375	0.0486	—	pCi/L	Y	—	NQ	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.618	0.058	0.272	—	pCi/L	Y	—	J	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0237	0.0111	0.0365	—	pCi/L	Y	U	U	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0097	0.0123	0.0555	—	pCi/L	Y	U	U	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0348	0.013	0.0842	—	pCi/L	Y	U	U	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0398	0.0139	0.0517	—	pCi/L	Y	U	U	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0793	0.0254	0.142	—	pCi/L	Y	U	U	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.206	0.0247	0.0502	—	pCi/L	Y	—	NQ	N3B-2021-73	CAPA-21-208971	GELC
R-32 S1	867.5	10/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.186	0.0288	0.0899	—	pCi/L	Y	—	NQ	N3B-2020-106	CAPA-20-188514	GELC
R-32 S1	867.5	10/16/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.194	0.0266	0.0857	—	pCi/L	Y	—	NQ	N3B-2019-143	CAPA-19-163587	GELC
R-32 S1	867.5	10/24/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.246	0.0251	0.047	—	pCi/L	Y	—	NQ	2018-566	CAPA-18-147580	GELC
R-32 S1	867.5	10/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.211	0.0351	0.183	—	pCi/L	Y	—	NQ	2017-232	CAPA-16-126635	GELC
R-32 S1	867.5	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.64	—	—	1	µg/L	Y	J	J	N3B-2021-73	CAPA-21-208970	GELC
R-32 S1	867.5	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.88	—	—	1	µg/L	Y	J	J	N3B-2020-106	CAPA-20-188513	GELC
R-32 S1	867.5	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.88	—	—	1	µg/L	Y	J	J	N3B-2019-143	CAPA-19-163586	GELC
R-32 S1	867.5	10/24/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.76	—	—	1	µg/L	Y	J	J	2018-566	CAPA-18-147554	GELC
R-32 S1	867.5	10/25/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.99	—	—	1	µg/L	Y	J	J	2017-232	CAPA-16-126663	GELC
R-37 S2	1026.0	09/14/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	6.1	—	—	1.5	µg/L	Y	J	J	N3B-2020-1762	CAMO-20-206499	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.02	—	—	1.5	µg/L	Y	J	R	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	04/15/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2019-1388	CAMO-19-171739	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	66.4	—	—	1.5	µg/L	Y	—	U	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	04/10/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-2376	CAMO-18-152710	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	64.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	61.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	61.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62.9	—	—	1.45	mg/L	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	64	—	—	1.45	mg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0134	0.0129	0.059	—	pCi/L	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00458	0.00972	0.0459	—	pCi/L	Y	U	U	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0295	0.0104	0.0639	—	pCi/L	Y	U	U	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00233	0.00699	0.0408	—	pCi/L	Y	U	U	2018-539	CAMO-18-147651	GELC
R-37 S2	1026.0	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00739	0.00954	0.0603	—	pCi/L	Y	U	U	2017-209	CAMO-16-126697	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.9	—	—	1	µg/L	Y	E	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30	—	—	1	µg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	11.3	—	—	6.11	µg/L	Y	J	J	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.38	—	—	6.38	µg/L	Y	U	U	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.25	—	—	6.25	µg/L	Y	U	U	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	10/19/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.12	—	—	6.12	µg/L	Y	U	U	2018-539	CAMO-18-147651	GELC
R-37 S2	1026.0	10/21/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	21.5	—	—	6.45	µg/L	Y	U	U	2017-209	CAMO-16-126697	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.4	—	—	15	µg/L	Y	J	J	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-539	CAMO-18-147636	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.37	1.57	6.09	—	pCi/L	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0485	1.21	4.11	—	pCi/L	Y	U	U	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.913	0.807	2.7	—	pCi/L	Y	U	U	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	10/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.74	1.06	4.4	—	pCi/L	Y	U	U	2018-539	CAMO-18-147651	GELC
R-37 S2	1026.0	10/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.186	0.884	3.28	—	pCi/L	Y	U	U	2017-209	CAMO-16-126697	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.45	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.51	—	—	0.067	mg/L	Y	—	J+	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.49	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.49	—	—	0.067	mg/L	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.48	—	—	0.067	mg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.93	—	—	3	µg/L	Y	J	J	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.26	—	—	3	µg/L	Y	J	J	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	10	—	—	3	µg/L	Y	U	U	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.02	1.49	6.31	—	pCi/L	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.37	1.31	4.65	—	pCi/L	Y	U	U	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.972	0.748	3.23	—	pCi/L	Y	U	U	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	10/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.38	1.02	4.94	—	pCi/L	Y	U	U	2018-539	CAMO-18-147651	GELC
R-37 S2	1026.0	10/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.518	0.978	3.04	—	pCi/L	Y	U	U	2017-209	CAMO-16-126697	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.346	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.345	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.24	—	—	0.033	mg/L	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.255	—	—	0.033	mg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.374	0.506	2.81	—	pCi/L	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.987	0.763	2.65	—	pCi/L	Y	U	U	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.254	0.513	2.34	—	pCi/L	Y	U	U	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	10/19/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0471	0.579	2.62	—	pCi/L	Y	U	U	2018-539	CAMO-18-147651	GELC
R-37 S2	1026.0	10/21/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.962	0.812	2.89	—	pCi/L	Y	U	U	2017-209	CAMO-16-126697	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.24	0.719	2.34	—	pCi/L	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.01	0.835	2.57	—	pCi/L	Y	U	U	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.8	0.668	2.26	—	pCi/L	Y	U	U	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	10/19/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.55	0.679	1.96	—	pCi/L	Y	—	NQ	2018-539	CAMO-18-147651	GELC
R-37 S2	1026.0	10/21/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.67	0.907	2.96	—	pCi/L	Y	U	U	2017-209	CAMO-16-126697	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	40.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.4	—	—	0.453	mg/L	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.6	—	—	0.453	mg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.24	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.86	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.98	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.86	—	—	0.11	mg/L	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.98	—	—	0.11	mg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.48	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.64	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.35	—	—	0.2	µg/L	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.3	µg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.916	2.55	9.72	—	pCi/L	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.23	2.25	8.82	—	pCi/L	Y	U	U	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.556	2.08	6.32	—	pCi/L	Y	U	U	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	10/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.65	1.96	7.61	—	pCi/L	Y	U	U	2018-539	CAMO-18-147651	GELC
R-37 S2	1026.0	10/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.79	1.8	6.58	—	pCi/L	Y	U	U	2017-209	CAMO-16-126697	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.03	—	—	0.6	µg/L	Y	J	J	N3B-2021-111	CAMO-21-208973	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.614	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.63	—	—	0.085	mg/L	Y	—	J+	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.719	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.63	—	—	0.085	mg/L	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.661	—	—	0.017	mg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.346	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.362	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.381	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.414	—	—	0.05	µg/L	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.362	—	—	0.05	µg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0106	0.014	0.0613	—	pCi/L	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00579	0.00579	0.0525	—	pCi/L	Y	U	U	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0127	0.00843	0.0441	—	pCi/L	Y	U	U	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0128	0.00741	0.0371	—	pCi/L	Y	U	U	2018-539	CAMO-18-147651	GELC
R-37 S2	1026.0	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00203	0.00454	0.0404	—	pCi/L	Y	U	U	2017-209	CAMO-16-126697	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00264	0.0156	0.0684	—	pCi/L	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00579	0.00579	0.051	—	pCi/L	Y	U	U	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0407	0.0183	0.0485	—	pCi/L	Y	U	U	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0257	0.00907	0.0481	—	pCi/L	Y	U	U	2018-539	CAMO-18-147651	GELC
R-37 S2	1026.0	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00406	0.00574	0.0466	—	pCi/L	Y	U	U	2017-209	CAMO-16-126697	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.82	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.68	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.5	14.8	64.1	—	pCi/L	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.24	18.2	74.7	—	pCi/L	Y	U	U	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26.1	13	33	—	pCi/L	Y	U	U	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	10/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.24	16.8	68.1	—	pCi/L	Y	U	U	2018-539	CAMO-18-147651	GELC
R-37 S2	1026.0	10/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	39.5	12.6	31.1	—	pCi/L	Y	UI	R	2017-209	CAMO-16-126697	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0448	0.095	0.362	—	pCi/L	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.349	0.123	0.331	—	pCi/L	Y	—	NQ	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0448	0.262	—	—	pCi/L	Y	—	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.614	0.213	—	—	pCi/L	Y	—	NQ	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0931	0.244	0.884	—	pCi/L	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.265	0.173	0.579	—	pCi/L	Y	U	U	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.3	—	—	0.053	mg/L	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.3	—	—	0.053	mg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	N	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	E	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.11	1.54	6.46	—	pCi/L	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.159	1.18	4.74	—	pCi/L	Y	U	U	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.374	0.774	3.11	—	pCi/L	Y	U	U	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	10/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.05	0.981	3.25	—	pCi/L	Y	U	U	2018-539	CAMO-18-147651	GELC
R-37 S2	1026.0	10/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.166	0.829	2.99	—	pCi/L	Y	U	U	2017-209	CAMO-16-126697	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	132	—	—	1	uS/cm	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	120	—	—	1	uS/cm	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	137	—	—	1	uS/cm	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	149	—	—	1	uS/cm	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	136	—	—	1	uS/cm	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54	—	—	1	µg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51	—	—	1	µg/L	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.4	—	—	1	µg/L	Y	E	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.6	—	—	1	µg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.139	0.141	0.485	—	pCi/L	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0416	0.129	0.491	—	pCi/L	Y	U	U	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.403	0.154	0.486	—	pCi/L	Y	U	U	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	10/19/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.297	0.103	0.442	—	pCi/L	Y	U	U	2018-539	CAMO-18-147651	GELC
R-37 S2	1026.0	10/21/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.312	0.148	0.475	—	pCi/L	Y	U	U	2017-209	CAMO-16-126697	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.02	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.06	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.14	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.18	—	—	0.133	mg/L	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.02	—	—	0.133	mg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	J+	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	J+	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.111	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0341	—	—	0.02	mg/L	Y	J	J	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0765	—	—	0.02	mg/L	Y	—	U	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0894	—	—	0.02	mg/L	Y	—	U	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.043	—	—	0.02	mg/L	Y	J	J	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.03	0.989	3.069	—	pCi/L	Y	U	U	N3B-2021-219	CAMO-21-208974	ARSL
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.806	0.924	3.054	—	pCi/L	Y	U	U	N3B-2020-187	CAMO-20-188437	ARSL
R-37 S2	1026.0	04/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.972	0.882	3.005	—	pCi/L	Y	U	U	N3B-2019-1416	CAMO-19-171739	ARSL
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.125	0.959	3.261	—	pCi/L	Y	U	U	N3B-2019-244	CAMO-19-163675	ARSL
R-37 S2	1026.0	04/10/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.1	0.761	2.45	—	pCi/L	Y	U*	U	2018-2406	CAMO-18-152710	ARSL
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.494	—	—	0.067	µg/L	Y	—	J+	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.443	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.395	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.379	—	—	0.067	µg/L	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.414	—	—	0.067	µg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.258	0.0406	0.115	—	pCi/L	Y	—	NQ	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.262	0.0263	0.0516	—	pCi/L	Y	—	NQ	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.266	0.0259	0.0721	—	pCi/L	Y	—	NQ	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.313	0.0329	0.0643	—	pCi/L	Y	—	NQ	2018-539	CAMO-18-147651	GELC
R-37 S2	1026.0	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.401	0.0329	0.147	—	pCi/L	Y	—	NQ	2017-209	CAMO-16-126697	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0303	0.0172	0.0987	—	pCi/L	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0029	0.00768	0.0367	—	pCi/L	Y	U	U	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0131	0.00871	0.0699	—	pCi/L	Y	U	U	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0338	0.0135	0.0684	—	pCi/L	Y	U	U	2018-539	CAMO-18-147651	GELC
R-37 S2	1026.0	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0592	0.0149	0.0758	—	pCi/L	Y	U	U	2017-209	CAMO-16-126697	GELC
R-37 S2	1026.0	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.101	0.0255	0.104	—	pCi/L	Y	U	U	N3B-2021-111	CAMO-21-208974	GELC
R-37 S2	1026.0	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.132	0.0185	0.0604	—	pCi/L	Y	—	NQ	N3B-2020-138	CAMO-20-188437	GELC
R-37 S2	1026.0	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.127	0.0185	0.0712	—	pCi/L	Y	—	NQ	N3B-2019-181	CAMO-19-163675	GELC
R-37 S2	1026.0	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.155	0.0241	0.0622	—	pCi/L	Y	—	NQ	2018-539	CAMO-18-147651	GELC
R-37 S2	1026.0	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.171	0.022	0.0982	—	pCi/L	Y	—	NQ	2017-209	CAMO-16-126697	GELC
R-37 S2	1026.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.55	—	—	1	µg/L	Y	—	NQ	N3B-2021-111	CAMO-21-208973	GELC
R-37 S2	1026.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.01	—	—	1	µg/L	Y	—	NQ	N3B-2020-138	CAMO-20-188436	GELC
R-37 S2	1026.0	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.42	—	—	1	µg/L	Y	—	NQ	N3B-2019-181	CAMO-19-163674	GELC
R-37 S2	1026.0	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.3	—	—	1	µg/L	Y	—	NQ	2018-539	CAMO-18-147636	GELC
R-37 S2	1026.0	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.23	—	—	1	µg/L	Y	—	NQ	2017-209	CAMO-16-126704	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.52	—	—	0.01	SU	Y	H	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	0.01	SU	Y	H	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.54	—	—	0.01	SU	Y	H	NQ	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	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-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	H	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.33	—	—	0.01	SU	Y	H	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	61.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-106	CAMO-20-188439	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-38	821.2	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62.5	—	—	1.45	mg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	70	—	—	1.45	mg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0105	0.00657	0.0318	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00647	0.00835	0.0391	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00434	0.00687	0.0435	—	pCi/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00692	0.0061	0.055	—	pCi/L	Y	U	U	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00227	0.00752	0.0398	—	pCi/L	Y	U	U	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0094	0.0104	0.0766	—	pCi/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0609	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	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-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0442	—	—	0.017	mg/L	Y	J	J	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.088	—	—	0.017	mg/L	Y	—	U	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	30.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.3	—	—	1	µg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.6	—	—	1	µg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.42	—	—	0.3	µg/L	Y	J	J	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.657	—	—	0.29	µg/L	Y	J	J	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.311	—	—	0.311	µg/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.316	—	—	0.316	µg/L	Y	U	U	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	3.06	—	—	3.06	µg/L	Y	U	U	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	10.1	—	—	3.03	µg/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.24	1.19	4.32	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.757	1.1	3.98	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.895	1.96	6.72	—	pCi/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.726	0.853	2.96	—	pCi/L	Y	U	U	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.321	1.15	4.33	—	pCi/L	Y	U	U	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.48	1.08	4.32	—	pCi/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.21	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.72	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.83	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.68	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.68	—	—	0.067	mg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.7	—	—	0.067	mg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.22	1.11	5.34	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.889	0.885	3.25	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.36	1.44	6.37	—	pCi/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0266	0.912	3.56	—	pCi/L	Y	U	U	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.479	0.935	4.1	—	pCi/L	Y	U	U	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.833	1.03	3.66	—	pCi/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.9	—	—	2.9	µg/L	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.109	—	—	0.1	µg/L	Y	J	J	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.101	—	—	0.1	µg/L	Y	J	J	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	RE	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	—	0.1	µg/L	Y	U	UJ	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.448	—	—	0.1	µg/L	N	B	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.11	—	—	3.11	µg/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	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-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.06	—	—	3.06	µg/L	Y	U	U	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10.1	—	—	3.03	µg/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-73	CAMO-21-208976	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-38	821.2	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.417	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.489	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.349	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.234	—	—	0.033	mg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	—	0.033	mg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.135	0.576	2.73	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.624	0.611	2.27	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.66	0.731	2.78	—	pCi/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.737	0.55	2.72	—	pCi/L	Y	U	U	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.503	0.677	2.64	—	pCi/L	Y	U	U	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.168	0.572	2.27	—	pCi/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.68	0.725	2.51	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.22	0.687	2.24	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.58	0.749	2.36	—	pCi/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.33	0.774	2.51	—	pCi/L	Y	U	U	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.28	0.66	1.81	—	pCi/L	Y	—	NQ	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.251	0.756	2.71	—	pCi/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	47.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	48.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	43.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	48.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.1	—	—	0.453	mg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.8	—	—	0.453	mg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.85	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.91	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.52	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.88	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.6	—	—	0.11	mg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.58	—	—	0.11	mg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.54	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.57	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.49	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.58	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.43	—	—	0.2	µg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.54	—	—	0.3	µg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.0841	2.33	8.64	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.502	2.05	7.52	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.09	2.46	9.31	—	pCi/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.56	1.67	6.62	—	pCi/L	Y	U	U	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.02	2.1	7.43	—	pCi/L	Y	U	U	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.749	2.05	7.64	—	pCi/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.45	—	—	0.6	µg/L	Y	J	J	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.59	—	—	0.6	µg/L	Y	J	J	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.46	—	—	0.6	µg/L	Y	J	J	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.32	—	—	0.6	µg/L	Y	J	J	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.954	—	—	0.6	µg/L	Y	J	J	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.42	—	—	0.5	µg/L	Y	J	J	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.668	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.668	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.72	—	—	0.085	mg/L	Y	—	J+	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.734	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	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	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.667	—	—	0.017	mg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.339	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.36	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.346	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.667	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.366	—	—	0.05	µg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.353	—	—	0.05	µg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00627	0.00753	0.0454	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00763	0.00661	0.0415	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.106	0.0614	0.322	—	pCi/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-38	821.2	10/16/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00823	0.0106	0.0476	—	pCi/L	Y	U	U	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0131	0.00814	0.0377	—	pCi/L	Y	U	U	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00211	0.00918	0.0419	—	pCi/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00626	0.0104	0.0614	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00381	0.00894	0.0561	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0355	0.0709	0.312	—	pCi/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0219	0.0123	0.0523	—	pCi/L	Y	U	U	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0087	0.00754	0.0489	—	pCi/L	Y	U	U	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00421	0.00515	0.0484	—	pCi/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.57	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.59	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.57	16.8	66.5	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	40.5	18.7	30.7	—	pCi/L	Y	UI	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-30.1	17.8	61.3	—	pCi/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.2	14.4	46.6	—	pCi/L	Y	U	U	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.7	14.6	45.3	—	pCi/L	Y	U	U	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-25.8	16.3	54.8	—	pCi/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0929	0.0657	0.223	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.168	0.0839	0.258	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.506	0.143	0.329	—	pCi/L	Y	—	NQ	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/25/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0907	0.13	0.49	—	pCi/L	Y	U	U	12-170	CAPA-12-1181	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.352	0.19	—	—	pCi/L	Y	—	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.168	0.138	—	—	pCi/L	Y	—	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.6	0.214	—	—	pCi/L	Y	—	NQ	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.259	0.178	0.596	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.259	0.11	0.515	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0938	0.159	0.577	—	pCi/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/25/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.169	0.12	0.39	—	pCi/L	Y	U	U	12-170	CAPA-12-1181	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.9	—	—	0.053	mg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	0.053	mg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	J+	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.75	1.03	3.19	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0402	1.08	4.1	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.26	1.61	6.79	—	pCi/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.792	0.687	2.47	—	pCi/L	Y	U	U	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.534	1	4.3	—	pCi/L	Y	U	U	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.471	1.13	4.15	—	pCi/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	142	—	—	1	uS/cm	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	137	—	—	1	uS/cm	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	120	—	—	1	uS/cm	Y	—	NQ	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	139	—	—	1	uS/cm	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	151	—	—	1	uS/cm	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	138	—	—	1	uS/cm	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53	—	—	1	µg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53	—	—	1	µg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.2	—	—	1	µg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.7	—	—	1	µg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0146	0.131	0.488	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0351	0.132	0.495	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.346	0.137	0.476	—	pCi/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.191	0.132	0.481	—	pCi/L	Y	U	U	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.111	0.126	0.448	—	pCi/L	Y	U	U	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0786	0.137	0.48	—	pCi/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.93	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.95	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.13	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.03	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.11	—	—	0.133	mg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.03	—	—	0.133	mg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	J	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0387	—	—	0.033	mg/L	Y	J	J	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.126	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0892	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0303	—	—	0.02	mg/L	Y	J	J	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0622	—	—	0.02	mg/L	Y	—	U	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0638	—	—	0.02	mg/L	Y	—	U	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	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	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.365	0.797	2.663	—	pCi/L	Y	U	U	N3B-2021-96	CAMO-21-208977	ARSL
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.219	0.922	3.122	—	pCi/L	Y	U	U	N3B-2021-96	CAMO-21-208979	ARSL
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.888	0.878	2.887	—	pCi/L	Y	U	U	N3B-2020-188	CAMO-20-188440	ARSL
R-38	821.2	04/10/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.58	0.906	3.057	—	pCi/L	Y	U*	U	N3B-2019-1365	CAMO-19-171742	ARSL
R-38	821.2	04/10/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.034	0.892	3.023	—	pCi/L	Y	U*	U	N3B-2019-1365	CAMO-19-171744	ARSL
R-38	821.2	10/16/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.262	0.946	3.188	—	pCi/L	Y	U	U	N3B-2019-169	CAMO-19-163678	ARSL
R-38	821.2	04/04/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.007	0.837	2.856	—	pCi/L	Y	QU	U	2018-2312	CAMO-18-152711	ARSL
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.376	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208976	GELC
R-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.371	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.355	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.344	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.329	—	—	0.067	µg/L	Y	—	NQ	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.339	—	—	0.067	µg/L	Y	—	NQ	2017-150	CAMO-16-126705	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.249	0.0307	0.0636	—	pCi/L	Y	—	NQ	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.251	0.0307	0.069	—	pCi/L	Y	—	NQ	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.289	0.0474	0.128	—	pCi/L	Y	—	NQ	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.247	0.0281	0.0885	—	pCi/L	Y	—	NQ	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.384	0.0329	0.0557	—	pCi/L	Y	—	NQ	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.312	0.0424	0.273	—	pCi/L	Y	—	NQ	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0134	0.0116	0.0413	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00728	0.0146	0.0448	—	pCi/L	Y	U	U	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0108	0.0154	0.0922	—	pCi/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0161	0.0107	0.0858	—	pCi/L	Y	U	U	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.146	0.0232	0.0593	—	pCi/L	Y	—	NQ	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0697	0.0249	0.143	—	pCi/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.109	0.0203	0.0568	—	pCi/L	Y	—	NQ	N3B-2021-73	CAMO-21-208977	GELC
R-38	821.2	10/13/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.132	0.0222	0.0616	—	pCi/L	Y	—	NQ	N3B-2021-73	CAMO-21-208979	GELC
R-38	821.2	10/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0915	0.0319	0.15	—	pCi/L	Y	U	U	N3B-2020-106	CAMO-20-188440	GELC
R-38	821.2	10/16/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.136	0.0212	0.0874	—	pCi/L	Y	—	NQ	N3B-2019-143	CAMO-19-163678	GELC
R-38	821.2	10/16/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.21	0.025	0.0538	—	pCi/L	Y	—	NQ	2018-487	CAMO-18-147652	GELC
R-38	821.2	10/17/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.177	0.0321	0.184	—	pCi/L	Y	U	U	2017-150	CAMO-16-126698	GELC
R-38	821.2	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.64	—	—	1	µg/L	Y	J	J	N3B-2021-73	CAMO-21-208976	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-38	821.2	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.79	—	—	1	µg/L	Y	J	J	N3B-2021-73	CAMO-21-208978	GELC
R-38	821.2	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.88	—	—	1	µg/L	Y	J	J	N3B-2020-106	CAMO-20-188439	GELC
R-38	821.2	10/16/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.24	—	—	1	µg/L	Y	J	J	N3B-2019-143	CAMO-19-163677	GELC
R-38	821.2	10/16/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.35	—	—	1	µg/L	Y	J	J	2018-487	CAMO-18-147637	GELC
R-38	821.2	10/17/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.98	—	—	1	µg/L	Y	J	J	2017-150	CAMO-16-126705	GELC
R-39	859.03	10/21/2020	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	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	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-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.41	—	—	0.01	SU	Y	H	NQ	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.31	—	—	0.01	SU	Y	H	NQ	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.29	—	—	0.01	SU	Y	H	NQ	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	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	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	63.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	63	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	63	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62.7	—	—	1.45	mg/L	Y	—	NQ	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	60	—	—	1.45	mg/L	Y	—	NQ	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	83.7	—	—	68	µg/L	Y	J	J	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00642	0.0136	0.0704	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0105	0.0117	0.0524	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00537	0.0078	0.0427	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00514	0.00726	0.0613	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0145	0.00762	0.0422	—	pCi/L	Y	U	U	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00361	0.00442	0.0442	—	pCi/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.048	—	—	0.017	mg/L	Y	J	J	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0608	—	—	0.017	mg/L	Y	—	NQ	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0918	—	—	0.017	mg/L	Y	—	U	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	2.33	—	—	0.305	µg/L	N	—	J-	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	3.08	—	—	0.307	µg/L	Y	—	J+	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	7.04	—	—	0.305	µg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	7.71	—	—	0.316	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	6.2	—	—	0.316	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	7.6	—	—	3.23	µg/L	Y	J	J	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	RE	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	3.53	—	—	3.33	µg/L	N	J	J-	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	9.8	—	—	3.23	µg/L	Y	J	J	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	0.101	—	—	0.05	mg/L	Y	J	J	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	N	J-	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.6	—	—	0.05	mg/L	Y	—	NQ	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.9	—	—	0.05	mg/L	Y	—	NQ	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.464	1.13	4.17	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.71	1.66	6.49	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.09	1.3	4.24	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.16	1.61	6.59	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.493	1.16	4.11	—	pCi/L	Y	U	U	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.43	1.63	5.87	—	pCi/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.27	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.39	—	—	0.067	mg/L	Y	—	J+	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.38	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.42	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.16	—	—	0.067	mg/L	Y	—	NQ	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.24	—	—	0.067	mg/L	Y	—	NQ	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.25	—	—	3	µg/L	Y	J	J	N3B-2021-176	CAPA-21-208981	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-39	859.03	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.75	—	—	3	µg/L	Y	J	J	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.07	—	—	3	µg/L	Y	J	J	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0236	1.34	5	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.579	1.28	4.91	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.45	1.61	4.93	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.304	1.33	5.47	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.602	1.04	4.38	—	pCi/L	Y	U	U	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.345	1.3	5.12	—	pCi/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.375	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.441	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.303	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.302	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.209	—	—	0.033	mg/L	Y	—	NQ	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.248	—	—	0.033	mg/L	Y	—	NQ	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.417	0.61	2.4	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.282	0.716	2.84	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.226	0.72	2.95	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0234	0.662	2.76	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0317	0.557	2.31	—	pCi/L	Y	U	U	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.261	0.74	2.86	—	pCi/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.77	0.912	2.69	—	pCi/L	Y	—	NQ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.38	0.724	2.34	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.22	0.885	2.95	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.898	0.828	2.8	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.38	0.891	2.63	—	pCi/L	Y	—	NQ	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.16	0.825	2.76	—	pCi/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	54.6	—	—	30	µg/L	Y	J	J	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	30.5	—	—	30	µg/L	Y	J	J	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.41	—	—	2	µg/L	Y	J	J	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.74	—	—	2	µg/L	Y	J	J	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.12	—	—	2	µg/L	Y	J	J	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.54	—	—	2	µg/L	Y	J	J	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.4	—	—	0.2	µg/L	Y	—	J+	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.48	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.47	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.44	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.2	µg/L	Y	—	NQ	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.4	—	—	0.3	µg/L	Y	—	NQ	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.151	2.11	7.51	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.71	2.29	7.67	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.612	2.72	9.37	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.134	2.95	10.9	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.75	2.33	9.07	—	pCi/L	Y	U	U	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.88	2.82	10.5	—	pCi/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.593	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.665	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.7	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.695	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.636	—	—	0.017	mg/L	Y	—	NQ	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.653	—	—	0.017	mg/L	Y	—	NQ	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.05	—	—	3.05	µg/L	N	U	UJ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.07	—	—	3.07	µg/L	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000492	—	—	0.00047	µg/L	Y	J	J	N3B-2021-178	CAPA-21-208982	SwRI

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

Location ID	Screen Depth (ft)	Sample Date	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-39	859.03	10/23/2019	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.00178	—	—	0.00047	µg/L	Y	—	NQ	N3B-2020-193	CAPA-20-188517	SwRI
R-39	859.03	10/23/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.05	—	—	3.05	µg/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.16	—	—	3.16	µg/L	Y	U	U	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.16	—	—	3.16	µg/L	Y	U	U	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.23	—	—	3.23	µg/L	Y	U	U	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	11.1	—	—	3.33	µg/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	10.8	—	—	3.23	µg/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.333	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.329	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.346	—	—	0.05	µg/L	Y	—	NQ	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	NQ	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00292	0.012	0.0675	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00000000349	0.0111	0.0474	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.014	0.00738	0.0405	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00595	0.00595	0.0344	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0104	0.00921	0.0513	—	pCi/L	Y	U	U	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00537	0.0101	0.0534	—	pCi/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0146	0.0127	0.0754	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0131	0.0108	0.046	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00572	0.0445	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0178	0.00951	0.0378	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00348	0.00778	0.0733	—	pCi/L	Y	U	U	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00806	0.0123	0.0617	—	pCi/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14	15.5	59.7	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21.7	19	87.3	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.03	18.9	71.1	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-18.1	19	68.7	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	39.5	21.3	32.4	—	pCi/L	Y	UI	U	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.8	19.2	75.9	—	pCi/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.368	0.146	0.352	—	pCi/L	Y	—	NQ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.578	0.204	0.584	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.586	0.215	—	—	pCi/L	Y	—	NQ	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.795	0.272	—	—	pCi/L	Y	—	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.217	0.158	0.532	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.217	0.179	0.614	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	0.327	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.7	—	—	0.053	mg/L	Y	—	NQ	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.1	—	—	0.053	mg/L	Y	—	NQ	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	0.273	—	—	0.1	mg/L	Y	J	J	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	N	J-	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.93	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	9.77	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.94	—	—	0.1	mg/L	Y	—	NQ	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.477	1.11	4.41	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.03	1.68	6.92	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.34	1.27	5.16	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.379	1.63	6.17	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.375	1.28	5.12	—	pCi/L	Y	U	U	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.97	1.26	3.92	—	pCi/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	131	—	—	1	uS/cm	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	120	—	—	1	uS/cm	Y	—	NQ	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	137	—	—	1	uS/cm	Y	—	NQ	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	139	—	—	1	uS/cm	Y	—	NQ	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	290	—	—	1	uS/cm	Y	—	NQ	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	139	—	—	1	uS/cm	Y	—	NQ	2017-259	CAPA-16-126664	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.335	0.118	0.493	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0705	0.126	0.485	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.115	0.0957	0.339	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.175	0.112	0.372	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.08	0.108	0.435	—	pCi/L	Y	U	U	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.421	0.124	0.487	—	pCi/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.72	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.89	—	—	0.133	mg/L	Y	—	J+	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.26	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.19	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.8	—	—	0.133	mg/L	Y	—	NQ	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.89	—	—	0.133	mg/L	Y	—	NQ	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	J+	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0701	—	—	0.033	mg/L	Y	J	J+	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0768	—	—	0.033	mg/L	Y	J	J	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0786	—	—	0.033	mg/L	Y	J	J	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.331	—	—	0.33	mg/L	Y	J	J	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.476	—	—	0.33	mg/L	Y	J	J	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.588	—	—	0.33	mg/L	Y	J	J	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.603	—	—	0.33	mg/L	Y	J	J	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.482	—	—	0.33	mg/L	Y	J	J	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.448	—	—	0.33	mg/L	Y	J	J	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.953	0.817	2.769	—	pCi/L	Y	U	U	N3B-2021-219	CAPA-21-208982	ARSL
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.118	0.842	2.844	—	pCi/L	Y	U	U	N3B-2020-189	CAPA-20-188517	ARSL
R-39	859.03	04/19/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.114	0.817	2.773	—	pCi/L	Y	UQ	U	N3B-2019-1618	CAPA-19-171632	ARSL
R-39	859.03	10/24/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-2.348	0.962	3.168	—	pCi/L	Y	U	U	N3B-2019-244	CAPA-19-163590	ARSL
R-39	859.03	10/24/2018	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.399	0.909	3.076	—	pCi/L	Y	U	U	N3B-2019-244	CAPA-19-163592	ARSL
R-39	859.03	04/03/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.63	0.792	2.708	—	pCi/L	Y	QU	U	2018-2312	CAPA-18-151772	ARSL
R-39	859.03	10/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.223	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-176	CAPA-21-208981	GELC
R-39	859.03	10/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.197	—	—	0.067	µg/L	Y	J	J	N3B-2020-182	CAPA-20-188516	GELC
R-39	859.03	10/24/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.226	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163589	GELC
R-39	859.03	10/24/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.216	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-241	CAPA-19-163591	GELC
R-39	859.03	10/25/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.19	—	—	0.067	µg/L	Y	J	J	2018-584	CAPA-18-147555	GELC
R-39	859.03	10/26/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.201	—	—	0.067	µg/L	Y	—	NQ	2017-259	CAPA-16-126664	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.118	0.0333	0.133	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.163	0.0227	0.0538	—	pCi/L	Y	—	NQ	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.148	0.0241	0.108	—	pCi/L	Y	—	NQ	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.19	0.025	0.0759	—	pCi/L	Y	—	NQ	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.263	0.034	0.0726	—	pCi/L	Y	—	NQ	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.188	0.0341	0.285	—	pCi/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0349	0.0198	0.114	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0121	0.00857	0.0383	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0394	0.0158	0.105	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00276	0.00828	0.0736	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.031	0.0163	0.0775	—	pCi/L	Y	U	U	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0346	0.0173	0.149	—	pCi/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-39	859.03	10/21/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0754	0.0242	0.121	—	pCi/L	Y	U	U	N3B-2021-176	CAPA-21-208982	GELC
R-39	859.03	10/23/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0515	0.0153	0.0631	—	pCi/L	Y	U	U	N3B-2020-182	CAPA-20-188517	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0956	0.0191	0.107	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163590	GELC
R-39	859.03	10/24/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0648	0.0156	0.0749	—	pCi/L	Y	U	U	N3B-2019-241	CAPA-19-163592	GELC
R-39	859.03	10/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.12	0.0225	0.0702	—	pCi/L	Y	—	NQ	2018-584	CAPA-18-147581	GELC
R-39	859.03	10/26/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0979	0.0266	0.192	—	pCi/L	Y	U	U	2017-259	CAPA-16-126636	GELC
R-40 S2	849.27	10/22/2020	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-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.34	—	—	0.01	SU	Y	H	NQ	N3B-2020-271	CAPA-20-188519	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-40 S2	849.27	10/25/2018	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	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	0.01	SU	Y	H	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	0.01	SU	Y	H	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	0.01	SU	Y	H	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	61.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	61	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	64	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	60.7	—	—	1.45	mg/L	Y	—	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	60.9	—	—	1.45	mg/L	Y	—	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	60	—	—	1.45	mg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62	—	—	1.45	mg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0158	0.0114	0.0693	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00665	0.00665	0.0444	—	pCi/L	Y	U	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0379	0.0107	0.0532	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163595	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0124	0.00651	0.0366	—	pCi/L	Y	U	U	2018-697	CAPA-18-147583	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00932	0.00559	0.0332	—	pCi/L	Y	U	U	2018-697	CAPA-18-147631	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00623	0.0482	—	pCi/L	Y	U	U	2017-277	CAPA-16-126638	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00795	0.00562	0.0486	—	pCi/L	Y	U	U	2017-277	CAPA-16-126597	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.018	—	—	0.017	mg/L	Y	J	J	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0192	—	—	0.017	mg/L	Y	J	J	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0394	—	—	0.017	mg/L	Y	J	J	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0389	—	—	0.017	mg/L	Y	J	J	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0332	—	—	0.017	mg/L	Y	J	U	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0336	—	—	0.017	mg/L	Y	J	U	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29	—	—	1	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27	—	—	1	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28.1	—	—	1	µg/L	Y	—	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	27.9	—	—	1	µg/L	Y	—	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	28.3	—	—	1	µg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.1	—	—	1	µg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	J-	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.3	—	—	0.05	mg/L	Y	—	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.827	1.01	3.52	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.11	1.52	4.75	—	pCi/L	Y	U	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.513	1.33	5.05	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163595	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.29	3.86	6.51	—	pCi/L	Y	U	U	2018-697	CAPA-18-147583	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.254	1.16	4.36	—	pCi/L	Y	U	U	2018-697	CAPA-18-147631	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.496	1.22	4.67	—	pCi/L	Y	U	U	2017-277	CAPA-16-126638	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.74	0.92	4.05	—	pCi/L	Y	U	U	2017-277	CAPA-16-126597	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.01	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.93	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.07	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.03	—	—	0.067	mg/L	Y	—	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.04	—	—	0.067	mg/L	Y	—	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.02	—	—	0.067	mg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.03	—	—	0.067	mg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.109	0.955	3.84	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-4.09	1.55	3.9	—	pCi/L	Y	U	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.947	1.74	7.08	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163595	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.39	1.75	6.4	—	pCi/L	Y	U	U	2018-697	CAPA-18-147583	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.56	1.22	4.59	—	pCi/L	Y	U	U	2018-697	CAPA-18-147631	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.947	1.3	4.9	—	pCi/L	Y	U	U	2017-277	CAPA-16-126638	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.37	1.08	3.8	—	pCi/L	Y	U	U	2017-277	CAPA-16-126597	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.222	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-40 S2	849.27	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.459	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.368	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.222	—	—	0.033	mg/L	Y	—	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.186	—	—	0.033	mg/L	Y	—	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.175	—	—	0.033	mg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.173	—	—	0.033	mg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.58	0.987	2.71	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.697	0.742	2.98	—	pCi/L	Y	U	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.86	0.895	2.74	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163595	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.946	0.663	2.25	—	pCi/L	Y	U	U	2018-697	CAPA-18-147583	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	2.35	0.879	2.22	—	pCi/L	Y	—	NQ	2018-697	CAPA-18-147631	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.305	0.663	2.83	—	pCi/L	Y	U	U	2017-277	CAPA-16-126638	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.29	0.881	2.92	—	pCi/L	Y	U	U	2017-277	CAPA-16-126597	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.639	0.678	2.35	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.81	0.928	2.82	—	pCi/L	Y	U	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.34	0.823	2.46	—	pCi/L	Y	—	NQ	N3B-2019-262	CAPA-19-163595	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.61	0.977	2.42	—	pCi/L	Y	—	NQ	2018-697	CAPA-18-147583	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.54	0.959	2.97	—	pCi/L	Y	U	U	2018-697	CAPA-18-147631	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.01	0.759	2.41	—	pCi/L	Y	U	U	2017-277	CAPA-16-126638	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.289	0.763	2.64	—	pCi/L	Y	U	U	2017-277	CAPA-16-126597	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	40.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	40.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.5	—	—	0.453	mg/L	Y	—	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	43.1	—	—	0.453	mg/L	Y	—	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.9	—	—	0.453	mg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.9	—	—	0.453	mg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.98	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.97	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.78	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.95	—	—	0.11	mg/L	Y	E	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.01	—	—	0.11	mg/L	Y	E	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.03	—	—	0.11	mg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.23	—	—	0.11	mg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.54	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.35	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.53	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.57	—	—	0.2	µg/L	Y	—	J+	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.57	—	—	0.2	µg/L	Y	—	J+	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.37	—	—	0.3	µg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.37	—	—	0.3	µg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.91	2	6.97	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.16	2.75	9.36	—	pCi/L	Y	U	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.72	2.85	9.87	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163595	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.83	2.95	11.4	—	pCi/L	Y	U	U	2018-697	CAPA-18-147583	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.672	2.56	9.45	—	pCi/L	Y	U	U	2018-697	CAPA-18-147631	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.24	4.99	10.4	—	pCi/L	Y	U	U	2017-277	CAPA-16-126638	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.9	2.11	8.21	—	pCi/L	Y	U	U	2017-277	CAPA-16-126597	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.53	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.364	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.561	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.506	—	—	0.017	mg/L	Y	—	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.537	—	—	0.017	mg/L	Y	—	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.525	—	—	0.085	mg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.541	—	—	0.017	mg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.313	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.258	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.303	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.301	—	—	0.05	µg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.264	—	—	0.05	µg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/30/2015	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.302	—	—	0.05	µg/L	Y	—	NQ	2016-243	CAPA-16-105608	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00949	0.0178	0.11	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00466	0.011	0.0335	—	pCi/L	Y	U	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00206	0.0046	0.0356	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163595	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0126	0.011	0.0466	—	pCi/L	Y	U	U	2018-697	CAPA-18-147583	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00717	0.0113	0.0528	—	pCi/L	Y	U	U	2018-697	CAPA-18-147631	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00179	0.00563	0.0363	—	pCi/L	Y	U	U	2017-277	CAPA-16-126638	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00685	0.00942	0.0454	—	pCi/L	Y	U	U	2017-277	CAPA-16-126597	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.019	0.123	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0109	0.00931	0.0325	—	pCi/L	Y	U	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00411	0.00822	0.0392	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163595	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00316	0.0122	0.0666	—	pCi/L	Y	U	U	2018-697	CAPA-18-147583	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00716	0.00877	0.0755	—	pCi/L	Y	U	U	2018-697	CAPA-18-147631	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0176	0.00693	0.042	—	pCi/L	Y	U	U	2017-277	CAPA-16-126638	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00913	0.00646	0.0525	—	pCi/L	Y	U	U	2017-277	CAPA-16-126597	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	J+	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.41	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.46	14.7	59.6	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.9	21.2	84.5	—	pCi/L	Y	U	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	29.8	21	53.4	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163595	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.9	29.1	73.2	—	pCi/L	Y	U	U	2018-697	CAPA-18-147583	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	15	17.7	74.9	—	pCi/L	Y	U	U	2018-697	CAPA-18-147631	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	43.7	23.2	95.8	—	pCi/L	Y	U	U	2017-277	CAPA-16-126638	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-12.1	13.9	52.7	—	pCi/L	Y	U	U	2017-277	CAPA-16-126597	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.631	0.23	0.649	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.309	0.164	0.518	—	pCi/L	Y	U	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/20/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	-0.189	0.13	0.68	—	pCi/L	Y	U	U	12-133	CAPA-12-1150	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.631	0.28	—	—	pCi/L	Y	—	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.309	0.221	—	—	pCi/L	Y	—	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.25	0.159	0.666	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.002	0.148	0.562	—	pCi/L	Y	U	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/20/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.381	0.26	0.84	—	pCi/L	Y	U	U	12-133	CAPA-12-1150	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.5	—	—	0.053	mg/L	Y	—	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.6	—	—	0.053	mg/L	Y	—	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.3	—	—	0.053	mg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.2	—	—	0.053	mg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.82	—	—	0.1	mg/L	Y	—	J+	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.56	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.87	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.32	—	—	0.1	mg/L	Y	E	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	9.53	—	—	0.1	mg/L	Y	E	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.796	0.885	3.25	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.56	1.39	6.15	—	pCi/L	Y	U	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.22	1.17	3.74	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163595	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.23	1.24	6.57	—	pCi/L	Y	U	U	2018-697	CAPA-18-147583	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.471	1.27	4.8	—	pCi/L	Y	U	U	2018-697	CAPA-18-147631	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.92	1.5	6.33	—	pCi/L	Y	U	U	2017-277	CAPA-16-126638	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.7	1.05	3.54	—	pCi/L	Y	U	U	2017-277	CAPA-16-126597	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	123	—	—	1	uS/cm	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	111	—	—	1	uS/cm	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	132	—	—	1	uS/cm	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	146	—	—	1	uS/cm	Y	—	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	144	—	—	1	uS/cm	Y	—	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	126	—	—	1	uS/cm	Y	—	NQ	2017-277	CAPA-16-126599	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-40 S2	849.27	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	126	—	—	1	uS/cm	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51	—	—	1	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.9	—	—	1	µg/L	Y	E	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.7	—	—	1	µg/L	Y	E	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.7	—	—	1	µg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.8	—	—	1	µg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.112	0.129	0.483	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0303	0.134	0.49	—	pCi/L	Y	U	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.236	0.144	0.478	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163595	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0764	0.0535	0.194	—	pCi/L	Y	U	U	2018-697	CAPA-18-147583	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00882	0.131	0.494	—	pCi/L	Y	U	U	2018-697	CAPA-18-147631	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0503	0.135	0.486	—	pCi/L	Y	U	U	2017-277	CAPA-16-126638	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0742	0.137	0.483	—	pCi/L	Y	U	U	2017-277	CAPA-16-126597	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.03	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.9	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.34	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.15	—	—	0.133	mg/L	Y	—	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.15	—	—	0.133	mg/L	Y	—	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	—	—	0.133	mg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.23	—	—	0.133	mg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	62.9	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	3.4	mg/L	Y	—	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	107	—	—	3.4	mg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	107	—	—	3.4	mg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0757	—	—	0.033	mg/L	Y	J	J+	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-262	CAPA-19-163595	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0716	—	—	0.033	mg/L	Y	J	U	2018-697	CAPA-18-147583	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0352	—	—	0.033	mg/L	Y	J	U	2018-697	CAPA-18-147631	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-277	CAPA-16-126597	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0685	—	—	0.033	mg/L	Y	J	J	2017-277	CAPA-16-126638	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.377	0.827	2.807	—	pCi/L	Y	U	U	N3B-2021-220	CAPA-21-208872	ARSL
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.847	0.887	2.922	—	pCi/L	Y	U	U	N3B-2020-244	CAPA-20-188520	ARSL
R-40 S2	849.27	04/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.13	0.927	3.13	—	pCi/L	Y	U	U	N3B-2019-1416	CAPA-19-171635	ARSL
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.098	0.908	3.087	—	pCi/L	Y	U*	U	N3B-2019-294	CAPA-19-163595	ARSL
R-40 S2	849.27	04/12/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-7.273	1.411	3.411	—	pCi/L	Y	QU	U	2018-2480	CAPA-18-151773	ARSL
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.281	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.319	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.333	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.303	—	—	0.067	µg/L	Y	—	NQ	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.3	—	—	0.067	µg/L	Y	—	NQ	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.263	—	—	0.067	µg/L	Y	—	NQ	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.267	—	—	0.067	µg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.24	0.0444	0.129	—	pCi/L	Y	—	NQ	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.192	0.0244	0.0587	—	pCi/L	Y	—	NQ	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.266	0.0233	0.0606	—	pCi/L	Y	—	NQ	N3B-2019-262	CAPA-19-163595	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.343	0.0304	0.125	—	pCi/L	Y	—	NQ	2018-697	CAPA-18-147583	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.312	0.03	0.136	—	pCi/L	Y	—	NQ	2018-697	CAPA-18-147631	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.258	0.0409	0.291	—	pCi/L	Y	U	U	2017-277	CAPA-16-126638	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.324	0.0427	0.259	—	pCi/L	Y	—	NQ	2017-277	CAPA-16-126597	GELC
R-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00383	0.00932	0.111	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00992	0.00992	0.0418	—	pCi/L	Y	U	U	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.011	0.00731	0.0587	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163595	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0774	0.0167	0.0539	—	pCi/L	Y	—	NQ	2018-697	CAPA-18-147583	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0846	0.0188	0.0589	—	pCi/L	Y	—	NQ	2018-697	CAPA-18-147631	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0602	0.023	0.152	—	pCi/L	Y	U	U	2017-277	CAPA-16-126638	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0566	0.0216	0.135	—	pCi/L	Y	U	U	2017-277	CAPA-16-126597	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-40 S2	849.27	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.098	0.0286	0.118	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-208872	GELC
R-40 S2	849.27	10/30/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.134	0.0207	0.0688	—	pCi/L	Y	—	NQ	N3B-2020-271	CAPA-20-188520	GELC
R-40 S2	849.27	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.125	0.0158	0.0598	—	pCi/L	Y	—	J	N3B-2019-262	CAPA-19-163595	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.193	0.0231	0.073	—	pCi/L	Y	—	NQ	2018-697	CAPA-18-147583	GELC
R-40 S2	849.27	11/02/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.129	0.0234	0.0798	—	pCi/L	Y	—	NQ	2018-697	CAPA-18-147631	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.132	0.0299	0.196	—	pCi/L	Y	U	U	2017-277	CAPA-16-126638	GELC
R-40 S2	849.27	10/27/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.13	0.0267	0.174	—	pCi/L	Y	U	U	2017-277	CAPA-16-126597	GELC
R-40 S2	849.27	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.63	—	—	1	µg/L	Y	J	J	N3B-2021-190	CAPA-21-208873	GELC
R-40 S2	849.27	10/30/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.85	—	—	1	µg/L	Y	J	J	N3B-2020-271	CAPA-20-188519	GELC
R-40 S2	849.27	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.03	—	—	1	µg/L	Y	J	J	N3B-2019-262	CAPA-19-163594	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.54	—	—	1	µg/L	Y	J	J	2018-697	CAPA-18-147557	GELC
R-40 S2	849.27	11/02/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.51	—	—	1	µg/L	Y	J	J	2018-697	CAPA-18-147629	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.59	—	—	1	µg/L	Y	J	J	2017-277	CAPA-16-126599	GELC
R-40 S2	849.27	10/27/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5	—	—	1	µg/L	Y	—	NQ	2017-277	CAPA-16-126666	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.25	—	—	0.01	SU	Y	H	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.29	—	—	0.01	SU	Y	H	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.25	—	—	0.01	SU	Y	H	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	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	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	68.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	67.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	67.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	67.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	69.5	—	—	1.45	mg/L	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	70	—	—	1.45	mg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0141	0.00996	0.0773	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00856	0.00946	0.0626	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00681	0.00819	0.0455	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.036	0.0115	0.0614	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0107	0.00925	0.0468	—	pCi/L	Y	U	U	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00538	0.0537	—	pCi/L	Y	U	U	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0419	—	—	0.017	mg/L	Y	J	J	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.104	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.106	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0542	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0372	—	—	0.017	mg/L	Y	J	U	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0516	—	—	0.017	mg/L	Y	—	U	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.6	—	—	1	µg/L	Y	E	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.7	—	—	1	µg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	11	—	—	5.99	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	11	—	—	5.86	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.08	—	—	6.08	µg/L	Y	U	U	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.12	—	—	6.12	µg/L	Y	U	U	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.38	—	—	6.38	µg/L	Y	U	U	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	21.3	—	—	6.38	µg/L	Y	U	U	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.1	—	—	15	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	15	—	—	15	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.1	—	—	0.05	mg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.449	1.26	4.63	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.305	1.13	4.34	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.357	1.15	4.18	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.56	1.27	3.45	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.355	1.02	3.97	—	pCi/L	Y	U	U	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.753	1	3.36	—	pCi/L	Y	U	U	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.13	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.13	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.21	—	—	0.067	mg/L	Y	—	J+	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.24	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.26	—	—	0.067	mg/L	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.24	—	—	0.067	mg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.43	—	—	3	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.87	—	—	3	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.6	—	—	3	µg/L	Y	J	J	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.52	—	—	3	µg/L	Y	J	J	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.21	—	—	3	µg/L	Y	J	J	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.41	—	—	3	µg/L	Y	J	J	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.24	1.05	4.16	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.4	2.08	4.65	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.776	1.07	4.57	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.45	1.35	4.49	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.873	0.692	3.52	—	pCi/L	Y	U	U	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.926	0.707	3.05	—	pCi/L	Y	U	U	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.371	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.397	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.386	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.332	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.296	—	—	0.033	mg/L	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.269	—	—	0.033	mg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.149	0.541	2.81	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.774	0.301	2.62	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.41	0.81	2.51	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.671	0.669	2.4	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.12	0.801	2.72	—	pCi/L	Y	U	U	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.109	0.538	2.23	—	pCi/L	Y	U	U	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.49	0.756	2.15	—	pCi/L	Y	—	NQ	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	-0.196	0.548	2.17	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.46	0.807	2.37	—	pCi/L	Y	—	NQ	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2	0.795	2.43	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.34	0.683	1.89	—	pCi/L	Y	—	NQ	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.8	0.865	2.77	—	pCi/L	Y	U	U	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	53.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	52.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	50.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	50.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	51.7	—	—	0.453	mg/L	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	51.1	—	—	0.453	mg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.84	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.79	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.83	—	—	0.11	mg/L	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.88	—	—	0.11	mg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.57	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.86	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.91	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.66	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.67	—	—	0.2	µg/L	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.76	—	—	0.3	µg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.545	2.2	7.93	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.258	2.3	8.22	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0365	1.93	7.26	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.5	1.79	6.06	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.15	1.82	5.11	—	pCi/L	Y	U	U	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.51	1.66	6.21	—	pCi/L	Y	U	U	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.52	—	—	0.6	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.57	—	—	0.6	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.32	—	—	0.6	µg/L	Y	J	J	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.32	—	—	0.6	µg/L	Y	J	J	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.45	—	—	0.6	µg/L	Y	J	J	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.8	—	—	0.5	µg/L	Y	J	J	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.747	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.75	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.801	—	—	0.017	mg/L	Y	—	J+	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.852	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.758	—	—	0.017	mg/L	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.81	—	—	0.017	mg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000183	—	—	0.00018	µg/L	Y	J	J	N3B-2021-121	CAPA-21-208986	SwRI
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000215	—	—	0.00018	µg/L	Y	J	J	N3B-2021-121	CAPA-21-208988	SwRI
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.93	—	—	2.93	µg/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.99	—	—	2.99	µg/L	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	—	—	0.00018	µg/L	Y	U	U	N3B-2020-137	CAPA-20-188523	SwRI
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.04	—	—	3.04	µg/L	Y	U	U	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.06	—	—	3.06	µg/L	Y	U	U	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.19	—	—	3.19	µg/L	Y	U	U	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	10.6	—	—	3.19	µg/L	Y	U	U	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.385	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.376	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.427	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.405	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.413	—	—	0.05	µg/L	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.446	—	—	0.05	µg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0109	0.0109	0.0505	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.013	0.00934	0.06	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00659	0.0168	0.0597	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00271	0.00898	0.0469	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0076	0.00828	0.0522	—	pCi/L	Y	U	U	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00698	0.0439	—	pCi/L	Y	U	U	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00872	0.0102	0.0564	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0155	0.0104	0.067	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0165	0.0165	0.058	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00271	0.013	0.0516	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0145	0.0102	0.0675	—	pCi/L	Y	U	U	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00221	0.00662	0.0507	—	pCi/L	Y	U	U	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.76	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.78	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.81	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.78	—	—	0.05	mg/L	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-28.3	14.4	54.3	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	17.8	18	71.5	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.3	16.4	26	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6	14.7	56.8	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.5	14.3	54.1	—	pCi/L	Y	U	U	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26	16.3	33.1	—	pCi/L	Y	U	U	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.115	0.0815	0.276	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.395	0.126	0.324	—	pCi/L	Y	—	NQ	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.542	0.131	0.218	—	pCi/L	Y	—	NQ	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/25/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.43	0.15	0.27	—	pCi/L	Y	—	U	12-170	CAPA-12-1182	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.115	0.193	—	—	pCi/L	Y	—	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.442	0.185	—	—	pCi/L	Y	—	NQ	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.542	0.243	—	—	pCi/L	Y	—	NQ	N3B-2020-138	CAPA-20-188523	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.439	0.175	0.734	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.0472	0.135	0.493	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.448	0.205	0.836	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/25/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.635	0.16	0.36	—	pCi/L	Y	—	NQ	12-170	CAPA-12-1182	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.3	—	—	0.053	mg/L	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.8	—	—	0.053	mg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	N	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	E	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.115	1.07	3.59	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.264	1.13	4.07	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.02	1.18	2.94	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.19	1.23	3.84	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.945	0.839	3.95	—	pCi/L	Y	U	U	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.981	0.78	2.63	—	pCi/L	Y	U	U	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	146	—	—	1	uS/cm	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	146	—	—	1	uS/cm	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	134	—	—	1	uS/cm	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	156	—	—	1	uS/cm	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	170	—	—	1	uS/cm	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	172	—	—	1	uS/cm	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	67.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	68.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	70.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	68.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	62.7	—	—	1	µg/L	Y	E	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	75.7	—	—	1	µg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0929	0.131	0.498	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.21	0.122	0.483	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0236	0.126	0.482	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.102	0.139	0.486	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0358	0.119	0.438	—	pCi/L	Y	U	U	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.116	0.116	0.468	—	pCi/L	Y	U	U	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.37	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.22	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.34	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.51	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.62	—	—	0.133	mg/L	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.53	—	—	0.133	mg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.24	—	—	2.5	µg/L	Y	J	J	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.34	—	—	2.5	µg/L	Y	J	J	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.81	—	—	2.5	µg/L	Y	J	J	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	J+	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	J+	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	J+	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.085	—	—	0.033	mg/L	Y	J	J+	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	UJ	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-181	CAPA-19-163598	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.121	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.122	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0288	—	—	0.02	mg/L	Y	J	J	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0708	—	—	0.02	mg/L	Y	—	U	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0884	—	—	0.02	mg/L	Y	—	U	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0272	—	—	0.02	mg/L	Y	J	J	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.732	0.834	2.751	—	pCi/L	Y	U	U	N3B-2021-219	CAPA-21-208986	ARSL
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.069	0.99	3.065	—	pCi/L	Y	U	U	N3B-2021-219	CAPA-21-208988	ARSL
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.546	0.867	2.956	—	pCi/L	Y	U	U	N3B-2020-187	CAPA-20-188523	ARSL
R-41 S2	965.3	04/12/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.362	1.668	5.665	—	pCi/L	Y	U	U	N3B-2019-1416	CAPA-19-171649	ARSL
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.584	0.962	3.246	—	pCi/L	Y	U	U	N3B-2019-244	CAPA-19-163598	ARSL
R-41 S2	965.3	04/04/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.248	0.772	2.621	—	pCi/L	Y	QU	U	2018-2312	CAPA-18-151774	ARSL
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.402	—	—	0.067	µg/L	Y	—	J+	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.396	—	—	0.067	µg/L	Y	—	J+	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.373	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.475	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.352	—	—	0.067	µg/L	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.398	—	—	0.067	µg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.289	0.0426	0.113	—	pCi/L	Y	—	NQ	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.236	0.0501	0.194	—	pCi/L	Y	—	NQ	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.348	0.0374	0.0783	—	pCi/L	Y	—	NQ	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.257	0.0267	0.079	—	pCi/L	Y	—	NQ	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.344	0.0354	0.0701	—	pCi/L	Y	—	NQ	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.343	0.0299	0.147	—	pCi/L	Y	—	NQ	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0166	0.0141	0.0975	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00575	0.014	0.167	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00441	0.0117	0.0557	—	pCi/L	Y	U	U	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0115	0.00909	0.0766	—	pCi/L	Y	U	U	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0368	0.0159	0.0746	—	pCi/L	Y	U	U	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0312	0.0108	0.076	—	pCi/L	Y	U	U	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.124	0.0273	0.103	—	pCi/L	Y	—	NQ	N3B-2021-111	CAPA-21-208986	GELC
R-41 S2	965.3	10/15/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.134	0.0375	0.177	—	pCi/L	Y	U	U	N3B-2021-111	CAPA-21-208988	GELC
R-41 S2	965.3	10/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.16	0.0255	0.0918	—	pCi/L	Y	—	NQ	N3B-2020-138	CAPA-20-188523	GELC
R-41 S2	965.3	10/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.114	0.0187	0.078	—	pCi/L	Y	—	NQ	N3B-2019-181	CAPA-19-163598	GELC
R-41 S2	965.3	10/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.106	0.022	0.0678	—	pCi/L	Y	—	NQ	2018-539	CAPA-18-147585	GELC
R-41 S2	965.3	10/21/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.182	0.0217	0.0984	—	pCi/L	Y	—	NQ	2017-210	CAPA-16-126640	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.42	—	—	1	µg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208985	GELC
R-41 S2	965.3	10/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.44	—	—	1	µg/L	Y	—	NQ	N3B-2021-111	CAPA-21-208987	GELC
R-41 S2	965.3	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.08	—	—	1	µg/L	Y	—	NQ	N3B-2020-138	CAPA-20-188522	GELC
R-41 S2	965.3	10/18/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.65	—	—	1	µg/L	Y	—	NQ	N3B-2019-181	CAPA-19-163597	GELC
R-41 S2	965.3	10/19/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.13	—	—	1	µg/L	Y	—	NQ	2018-539	CAPA-18-147559	GELC
R-41 S2	965.3	10/21/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.9	—	—	1	µg/L	Y	—	NQ	2017-210	CAPA-16-126668	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	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-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.22	—	—	0.01	SU	Y	H	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	65.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	65.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	68.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	74.5	—	—	1.45	mg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	66	—	—	1.45	mg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0379	0.0125	0.043	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0101	0.00604	0.0403	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00835	0.0066	0.0418	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0399	0.0109	0.0476	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163601	GELC
R-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00202	0.00729	0.0354	—	pCi/L	Y	U	U	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00668	0.00589	0.0545	—	pCi/L	Y	U	U	2017-196	CAPA-16-126641	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0285	—	—	0.017	mg/L	Y	J	J	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0174	—	—	0.017	mg/L	Y	J	U	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0442	—	—	0.017	mg/L	Y	J	U	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.053	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0238	—	—	0.017	mg/L	Y	J	U	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.213	—	—	0.017	mg/L	Y	—	J	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.76	—	—	2	µg/L	Y	J	J	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.71	—	—	2	µg/L	Y	J	J	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.78	—	—	2	µg/L	Y	J	J	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.2	—	—	2	µg/L	Y	J	J	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	18.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	16.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	17.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	16.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	16.6	—	—	1	µg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	17	—	—	1	µg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	10	—	—	6	µg/L	Y	J	J	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.22	—	—	6.22	µg/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.25	—	—	6.25	µg/L	Y	U	U	N3B-2019-367	CAPA-19-163601	GELC
R-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.52	—	—	6.52	µg/L	Y	U	U	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	22.7	—	—	6.82	µg/L	Y	U	U	2017-196	CAPA-16-126641	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.6	—	—	15	µg/L	Y	J	J	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17	—	—	15	µg/L	Y	J	J	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.97	1.44	5.93	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.344	2.19	8.17	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.404	1.5	5.31	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.268	0.819	3.06	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163601	GELC
R-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.923	1.06	4.21	—	pCi/L	Y	U	U	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.1	0.904	3.5	—	pCi/L	Y	U	U	2017-196	CAPA-16-126641	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.99	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.13	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.1	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.84	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.91	—	—	0.067	mg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.83	—	—	0.067	mg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.51	1.35	4.68	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.558	1.53	7.09	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.517	1.61	6.43	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.768	0.927	3.3	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163601	GELC
R-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.579	1.05	4.14	—	pCi/L	Y	U	U	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.874	0.963	3.36	—	pCi/L	Y	U	U	2017-196	CAPA-16-126641	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.477	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.474	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.282	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.27	—	—	0.033	mg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.221	—	—	0.033	mg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.136	0.543	2.68	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.12	1	2.96	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.6	0.872	2.75	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.35	0.867	2.86	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163601	GELC
R-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.53	1.09	2.44	—	pCi/L	Y	—	NQ	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.14	0.901	2.49	—	pCi/L	Y	U	U	2017-196	CAPA-16-126641	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.36	0.649	2.43	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.32	0.664	2.17	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.61	0.844	2.76	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.05	0.608	1.72	—	pCi/L	Y	—	NQ	N3B-2019-367	CAPA-19-163601	GELC
R-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.29	0.715	2.02	—	pCi/L	Y	—	NQ	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4	0.95	2.79	—	pCi/L	Y	—	NQ	2017-196	CAPA-16-126641	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	52	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	50.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	47.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	48.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.6	—	—	0.453	mg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.3	—	—	0.453	mg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.12	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.36	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.23	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.78	—	—	0.11	mg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.69	—	—	0.11	mg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.66	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.72	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.67	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.65	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.69	—	—	0.2	µg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.63	—	—	0.3	µg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.466	2.96	10.6	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	8.96	3.85	15.2	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.63	2.53	9.08	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.18	1.8	6.44	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163601	GELC
R-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.196	2.04	7.6	—	pCi/L	Y	U	U	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.18	1.67	6.26	—	pCi/L	Y	U	U	2017-196	CAPA-16-126641	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.44	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.19	—	—	0.6	µg/L	Y	J	J	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.07	—	—	0.6	µg/L	Y	J	J	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.45	—	—	0.6	µg/L	Y	J	J	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.954	—	—	0.6	µg/L	Y	J	J	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.18	—	—	0.5	µg/L	Y	J	J	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.725	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.538	—	—	0.017	mg/L	Y	—	J-	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.7	—	—	0.017	mg/L	Y	—	J-	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.703	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.67	—	—	0.085	mg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.671	—	—	0.017	mg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.311	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.305	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.322	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.34	—	—	0.05	µg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.311	—	—	0.05	µg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0105	0.0105	0.0456	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0111	0.0159	0.0403	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0171	0.00904	0.0619	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0104	0.00973	0.0451	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163601	GELC
R-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00204	0.0054	0.0354	—	pCi/L	Y	U	U	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0052	0.00736	0.0517	—	pCi/L	Y	U	U	2017-196	CAPA-16-126641	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0105	0.00864	0.0617	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00444	0.00769	0.0391	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0137	0.0601	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0078	0.00862	0.0496	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163601	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0265	0.00935	0.0459	—	pCi/L	Y	U	U	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0026	0.00688	0.0598	—	pCi/L	Y	U	U	2017-196	CAPA-16-126641	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.79	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.92	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.63	—	—	0.05	mg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.55	19.8	84.2	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	6.04	24.4	103	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-30.8	20.6	74	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-30.6	13.9	40.3	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163601	GELC
R-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	19	17.4	33.5	—	pCi/L	Y	U	U	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	19.6	19.2	31.7	—	pCi/L	Y	U	U	2017-196	CAPA-16-126641	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	-0.223	0.134	0.682	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0573	0.0811	0.317	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.222	0.0963	0.266	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.108	0.195	—	—	pCi/L	Y	—	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0573	0.168	—	—	pCi/L	Y	—	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.486	0.183	—	—	pCi/L	Y	—	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.108	0.142	0.504	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.264	0.155	0.511	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.112	0.147	0.583	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.6	—	—	0.053	mg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.2	—	—	0.053	mg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	N	J-	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	N	J-	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	N	J-	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.599	1.72	6.85	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	2.4	2.11	9.62	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.19	1.44	6.13	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0296	0.867	3.36	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163601	GELC
R-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.731	1.03	3.83	—	pCi/L	Y	U	U	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.09	0.873	2.97	—	pCi/L	Y	U	U	2017-196	CAPA-16-126641	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	152	—	—	1	uS/cm	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	129	—	—	1	uS/cm	Y	—	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	130	—	—	1	uS/cm	Y	—	NQ	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	149	—	—	1	uS/cm	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	163	—	—	1	uS/cm	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	151	—	—	1	uS/cm	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	62.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	59.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.6	—	—	1	µg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.6	—	—	1	µg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0559	0.0803	0.282	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.171	0.141	0.477	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.392	0.136	0.439	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.123	0.142	0.489	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163601	GELC
R-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0628	0.12	0.448	—	pCi/L	Y	U	U	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.2	0.145	0.486	—	pCi/L	Y	U	U	2017-196	CAPA-16-126641	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.22	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188525	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-49 S1	845.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.56	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.37	—	—	0.133	mg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.29	—	—	0.133	mg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	J	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	110	—	—	3.4	mg/L	Y	—	J	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.786	—	—	0.033	mg/L	Y	—	J+	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-367	CAPA-19-163601	GELC
R-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.5	—	—	0.165	mg/L	Y	U	U	2017-196	CAPA-16-126641	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	2.984	0.975	2.767	—	pCi/L	Y	—	NQ	N3B-2021-248	CAPA-21-209008	ARSL
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.168	0.943	2.869	—	pCi/L	Y	U	U	N3B-2020-244	CAPA-20-188526	ARSL
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.886	0.831	2.726	—	pCi/L	Y	U	U	N3B-2020-244	CAPA-20-189350	ARSL
R-49 S1	845.0	04/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.15	0.843	2.846	—	pCi/L	Y	U	U	N3B-2019-1416	CAPA-19-171657	ARSL
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.483	0.886	2.965	—	pCi/L	Y	U*	U	N3B-2019-419	CAPA-19-163601	ARSL
R-49 S1	845.0	04/05/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.865	0.783	2.608	—	pCi/L	Y	U*	U	2018-2406	CAPA-18-151775	ARSL
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.545	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.581	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.568	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.622	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.537	—	—	0.067	µg/L	Y	—	NQ	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.589	—	—	0.067	µg/L	Y	—	NQ	2017-196	CAPA-16-126669	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.44	0.049	0.101	—	pCi/L	Y	—	NQ	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.535	0.0405	0.0612	—	pCi/L	Y	—	NQ	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.471	0.0428	0.0773	—	pCi/L	Y	—	NQ	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.593	0.0451	0.101	—	pCi/L	Y	—	NQ	N3B-2019-367	CAPA-19-163601	GELC
R-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.5	0.0377	0.0572	—	pCi/L	Y	—	NQ	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.58	0.0565	0.273	—	pCi/L	Y	—	NQ	2017-196	CAPA-16-126641	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.012	0.0109	0.0664	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0435	0.0151	0.055	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0103	0.00912	0.0436	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.044	0.0147	0.0976	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163601	GELC
R-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0367	0.0138	0.0608	—	pCi/L	Y	U	U	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0398	0.0179	0.143	—	pCi/L	Y	U	U	2017-196	CAPA-16-126641	GELC
R-49 S1	845.0	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.165	0.0313	0.09	—	pCi/L	Y	—	NQ	N3B-2021-238	CAPA-21-209008	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.162	0.024	0.0718	—	pCi/L	Y	—	NQ	N3B-2020-223	CAPA-20-188526	GELC
R-49 S1	845.0	10/29/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.215	0.0288	0.0906	—	pCi/L	Y	—	NQ	N3B-2020-223	CAPA-20-189350	GELC
R-49 S1	845.0	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.338	0.033	0.0994	—	pCi/L	Y	—	NQ	N3B-2019-367	CAPA-19-163601	GELC
R-49 S1	845.0	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.265	0.0275	0.0553	—	pCi/L	Y	—	NQ	2018-510	CAPA-18-147586	GELC
R-49 S1	845.0	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.314	0.0418	0.184	—	pCi/L	Y	—	NQ	2017-196	CAPA-16-126641	GELC
R-49 S1	845.0	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.09	—	—	1	µg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209007	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.33	—	—	1	µg/L	Y	J	J	N3B-2020-223	CAPA-20-188584	GELC
R-49 S1	845.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.69	—	—	1	µg/L	Y	J	J	N3B-2020-223	CAPA-20-188525	GELC
R-49 S1	845.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.22	—	—	1	µg/L	Y	J	J	N3B-2019-367	CAPA-19-163600	GELC
R-49 S1	845.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.64	—	—	1	µg/L	Y	J	J	2018-510	CAPA-18-147560	GELC
R-49 S1	845.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.24	—	—	1	µg/L	Y	J	J	2017-196	CAPA-16-126669	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	0.01	SU	Y	H	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	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-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	0.01	SU	Y	H	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	63.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	64	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	61.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62.5	—	—	1.45	mg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	65	—	—	1.45	mg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0301	0.00961	0.0389	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00644	0.0048	0.0431	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00677	0.00748	0.0538	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0115	0.0081	0.0502	—	pCi/L	Y	U	U	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0121	0.0111	0.0423	—	pCi/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0243	—	—	0.017	mg/L	Y	J	J	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0253	—	—	0.017	mg/L	Y	J	J	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0638	—	—	0.017	mg/L	Y	—	U	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0519	—	—	0.017	mg/L	Y	—	U	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.63	—	—	2	µg/L	Y	J	J	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.65	—	—	2	µg/L	Y	J	J	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.01	—	—	2	µg/L	Y	J	J	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.6	—	—	1	µg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21	—	—	1	µg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	36.1	—	—	5.91	µg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.06	—	—	6.06	µg/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.25	—	—	6.25	µg/L	Y	U	U	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.32	—	—	6.32	µg/L	Y	U	U	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	20.6	—	—	6.19	µg/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.3	—	—	15	µg/L	Y	J	J	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.27	1.2	4.45	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.15	1.25	4.89	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.434	1.33	4.26	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.658	1.06	4.11	—	pCi/L	Y	U	U	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.488	1.42	4.71	—	pCi/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.62	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.88	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.61	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.63	—	—	0.067	mg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.57	—	—	0.067	mg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.03	—	—	3	µg/L	Y	J	J	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	10	—	—	3	µg/L	Y	U	U	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.785	1.16	4.89	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.85	1.08	5.2	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.335	1.25	4.13	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.05	1.01	3.84	—	pCi/L	Y	U	U	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.807	0.978	3.4	—	pCi/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.342	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.475	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.27	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.342	—	—	0.033	mg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.231	—	—	0.033	mg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.744	0.688	2.52	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.383	0.648	2.95	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.713	0.765	2.8	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163604	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.943	0.73	2.52	—	pCi/L	Y	U	U	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.716	0.482	2.3	—	pCi/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.35	0.633	1.8	—	pCi/L	Y	—	NQ	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.63	0.697	2.24	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.13	0.925	2.51	—	pCi/L	Y	—	NQ	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.35	0.723	2.04	—	pCi/L	Y	—	NQ	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.225	0.599	2.32	—	pCi/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	47.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.4	—	—	0.453	mg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.1	—	—	0.453	mg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.76	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.93	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.8	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.48	—	—	0.11	mg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.41	—	—	0.11	mg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	Y	1.09	—	—	1	µg/L	Y	J	J	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	04/22/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.21	—	—	1	µg/L	Y	J	U	N3B-2019-1442	CAPA-19-171659	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	04/05/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1	—	—	1	µg/L	Y	U	U	2018-2342	CAPA-18-151776	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.48	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.31	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.44	—	—	0.2	µg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.32	—	—	0.3	µg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.13	2.47	8.92	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.765	2.8	9.91	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.41	2.16	7.84	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.25	1.91	7.12	—	pCi/L	Y	U	U	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.871	2.61	8.39	—	pCi/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.991	—	—	0.6	µg/L	Y	J	J	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.709	—	—	0.6	µg/L	Y	J	J	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.828	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.75	—	—	0.017	mg/L	Y	—	J-	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.803	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.87	—	—	0.085	mg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.773	—	—	0.017	mg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000547	—	—	0.00047	µg/L	Y	—	NQ	N3B-2021-239	CAPA-21-209028	SwRI
R-49 S2	905.6	10/28/2020	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-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	—	0.00047	µg/L	Y	U	UJ	N3B-2020-222	CAPA-20-188529	SWRI
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.03	—	—	3.03	µg/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.13	—	—	3.13	µg/L	Y	U	U	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	10.3	—	—	3.09	µg/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.357	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.36	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.358	—	—	0.05	µg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.347	—	—	0.05	µg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00903	0.00903	0.0491	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0271	0.0194	0.0703	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0094	0.0094	0.0407	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00649	0.00718	0.0375	—	pCi/L	Y	U	U	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00201	0.0045	0.0401	—	pCi/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00677	0.00984	0.0664	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00775	0.0123	0.0683	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0094	0.0129	0.0448	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163604	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0173	0.00749	0.0486	—	pCi/L	Y	U	U	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0121	0.00637	0.0463	—	pCi/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.41	—	—	0.05	mg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-29.6	15.3	55.6	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	25.5	18.6	77.5	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	97.8	20	38.7	—	pCi/L	Y	UI	U	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-29	15.7	59.8	—	pCi/L	Y	U	U	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.48	20	41.9	—	pCi/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.362	0.201	0.65	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0299	0.108	0.43	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.426	0.241	—	—	pCi/L	Y	—	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0299	0.219	—	—	pCi/L	Y	—	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0643	0.132	0.481	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.236	0.19	0.808	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.2	—	—	0.053	mg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.6	—	—	0.053	mg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	N	J-	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	N	J-	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.22	—	—	0.1	mg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.46	1.05	4.67	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.88	1.21	5.53	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.335	1.59	5.12	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.931	0.619	3.22	—	pCi/L	Y	U	U	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.14	1.09	3.69	—	pCi/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	140	—	—	1	uS/cm	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	123	—	—	1	uS/cm	Y	—	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	140	—	—	1	uS/cm	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	157	—	—	1	uS/cm	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	142	—	—	1	uS/cm	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	58.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57	—	—	1	µg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57	—	—	1	µg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.274	0.0909	0.29	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.166	0.101	0.426	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0691	0.126	0.489	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.243	0.137	0.451	—	pCi/L	Y	U	U	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0125	0.129	0.479	—	pCi/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.68	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.96	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.84	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.78	—	—	0.133	mg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.67	—	—	0.133	mg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	J	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.323	—	—	0.033	mg/L	Y	—	J+	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0713	—	—	0.033	mg/L	Y	J	J+	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0624	—	—	0.033	mg/L	Y	J	J	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-510	CAPA-18-147587	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.85	—	—	0.33	mg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.435	—	—	0.33	mg/L	Y	J	J	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.125	0.825	2.793	—	pCi/L	Y	U	U	N3B-2021-248	CAPA-21-209028	ARSL
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.469	0.88	2.798	—	pCi/L	Y	U	U	N3B-2020-244	CAPA-20-188529	ARSL
R-49 S2	905.6	04/22/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.116	0.76	2.58	—	pCi/L	Y	UQ	U	N3B-2019-1618	CAPA-19-171659	ARSL
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.194	0.899	3.058	—	pCi/L	Y	U*	U	N3B-2019-419	CAPA-19-163604	ARSL
R-49 S2	905.6	04/05/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.461	0.818	2.797	—	pCi/L	Y	U*	U	2018-2406	CAPA-18-151776	ARSL
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.357	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.346	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.359	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.35	—	—	0.067	µg/L	Y	—	NQ	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.328	—	—	0.067	µg/L	Y	—	NQ	2017-196	CAPA-16-126670	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.25	0.0435	0.121	—	pCi/L	Y	—	NQ	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.305	0.0319	0.0674	—	pCi/L	Y	—	NQ	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.28	0.031	0.0979	—	pCi/L	Y	—	NQ	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.295	0.0307	0.0638	—	pCi/L	Y	—	NQ	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.284	0.041	0.275	—	pCi/L	Y	—	NQ	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0145	0.0131	0.08	—	pCi/L	Y	U	U	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00379	0.0126	0.048	—	pCi/L	Y	U	U	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0142	0.0113	0.0949	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0335	0.0124	0.0679	—	pCi/L	Y	U	U	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0534	0.0203	0.143	—	pCi/L	Y	U	U	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.138	0.0305	0.108	—	pCi/L	Y	—	NQ	N3B-2021-238	CAPA-21-209028	GELC
R-49 S2	905.6	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0982	0.0204	0.079	—	pCi/L	Y	—	NQ	N3B-2020-223	CAPA-20-188529	GELC
R-49 S2	905.6	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.112	0.0232	0.0966	—	pCi/L	Y	—	NQ	N3B-2019-367	CAPA-19-163604	GELC
R-49 S2	905.6	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.127	0.0213	0.0617	—	pCi/L	Y	—	NQ	2018-510	CAPA-18-147587	GELC
R-49 S2	905.6	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.189	0.0339	0.185	—	pCi/L	Y	—	NQ	2017-196	CAPA-16-126642	GELC
R-49 S2	905.6	10/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.73	—	—	1	µg/L	Y	J	J	N3B-2021-238	CAPA-21-209027	GELC
R-49 S2	905.6	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.65	—	—	1	µg/L	Y	J	J	N3B-2020-223	CAPA-20-188528	GELC
R-49 S2	905.6	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.04	—	—	1	µg/L	Y	J	J	N3B-2019-367	CAPA-19-163603	GELC
R-49 S2	905.6	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.78	—	—	1	µg/L	Y	J	J	2018-510	CAPA-18-147561	GELC
R-49 S2	905.6	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.55	—	—	1	µg/L	Y	J	J	2017-196	CAPA-16-126670	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	0.01	SU	Y	H	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	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	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	56.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	56.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	57.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	56.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	55.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	55.9	—	—	1.45	mg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	59	—	—	1.45	mg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0206	0.009	0.034	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0421	0.0149	0.0477	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00175	0.00464	0.0351	—	pCi/L	Y	U	U	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00682	0.00682	0.0455	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0118	0.00558	0.0471	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163624	GELC
R-51 S1	915.0	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0083	0.0083	0.0485	—	pCi/L	Y	U	U	2018-518	CAPA-18-147588	GELC
R-51 S1	915.0	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0056	0.0128	0.0456	—	pCi/L	Y	U	U	2017-196	CAPA-16-126643	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.14	—	—	2	µg/L	Y	J	J	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.43	—	—	2	µg/L	Y	J	J	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.53	—	—	2	µg/L	Y	J	J	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.53	—	—	2	µg/L	Y	J	J	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-367	CAPA-19-163623	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-51 S1	915.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24	—	—	1	µg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	23	—	—	1	µg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23	—	—	1	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.8	—	—	1	µg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.69	1.42	5.64	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.13	1.76	4.37	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.851	1.8	7.25	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.736	1.16	4.56	—	pCi/L	Y	U	U	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.741	0.789	3.15	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163624	GELC
R-51 S1	915.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.42	1.24	3.96	—	pCi/L	Y	U	U	2018-518	CAPA-18-147588	GELC
R-51 S1	915.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.00318	0.954	3.46	—	pCi/L	Y	U	U	2017-196	CAPA-16-126643	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.18	1.43	4.55	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.44	1.36	4.7	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.536	2.09	8.84	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.22	1.04	3.49	—	pCi/L	Y	U	U	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.363	1.06	4.21	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163624	GELC
R-51 S1	915.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.916	1.23	5.31	—	pCi/L	Y	U	U	2018-518	CAPA-18-147588	GELC
R-51 S1	915.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.601	0.856	3.59	—	pCi/L	Y	U	U	2017-196	CAPA-16-126643	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.319	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.341	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.432	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.432	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.225	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.286	—	—	0.033	mg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.211	—	—	0.033	mg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.49	0.822	2.52	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.0346	0.475	2.22	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.14	0.833	2.84	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-1.5	0.576	2.99	—	pCi/L	Y	U	U	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.417	0.575	2.87	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163624	GELC
R-51 S1	915.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.56	0.736	2.82	—	pCi/L	Y	U	U	2018-518	CAPA-18-147588	GELC
R-51 S1	915.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.845	0.591	2.62	—	pCi/L	Y	U	U	2017-196	CAPA-16-126643	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.68	0.837	2.15	—	pCi/L	Y	—	NQ	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.702	0.802	2.79	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.43	0.898	2.98	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.17	0.658	2.03	—	pCi/L	Y	—	NQ	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.2	0.87	2.9	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163624	GELC
R-51 S1	915.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.3	0.718	1.93	—	pCi/L	Y	—	NQ	2018-518	CAPA-18-147588	GELC
R-51 S1	915.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.57	0.868	2.85	—	pCi/L	Y	U	U	2017-196	CAPA-16-126643	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	38.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	36.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	39	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	38.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	37.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	37.4	—	—	0.453	mg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	36.3	—	—	0.453	mg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.82	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.64	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.91	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.89	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188531	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-51 S1	915.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.78	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.65	—	—	0.11	mg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.49	—	—	0.11	mg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.29	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.24	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.24	—	—	0.2	µg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.25	—	—	0.3	µg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.57	2.59	9.23	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.32	2.59	8.94	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.41	3.54	13.9	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.676	2.26	8.62	—	pCi/L	Y	U	U	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.04	1.97	7.47	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163624	GELC
R-51 S1	915.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.5	2.23	7.19	—	pCi/L	Y	U	U	2018-518	CAPA-18-147588	GELC
R-51 S1	915.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.48	1.81	6.03	—	pCi/L	Y	U	U	2017-196	CAPA-16-126643	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.381	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.383	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.334	—	—	0.017	mg/L	Y	—	J-	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.336	—	—	0.017	mg/L	Y	—	J-	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.379	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.368	—	—	0.085	mg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.365	—	—	0.017	mg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.267	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.29	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.269	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.268	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.292	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.285	—	—	0.05	µg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.261	—	—	0.05	µg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0178	0.00986	0.0554	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00474	0.00821	0.0515	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00363	0.00684	0.0261	—	pCi/L	Y	U	U	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0136	0.00815	0.0492	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0235	0.0101	0.0452	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163624	GELC
R-51 S1	915.0	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0103	0.0131	0.0444	—	pCi/L	Y	U	U	2018-518	CAPA-18-147588	GELC
R-51 S1	915.0	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00702	0.00619	0.0465	—	pCi/L	Y	U	U	2017-196	CAPA-16-126643	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00000000212	0.00882	0.0749	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0166	0.0119	0.0697	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00271	0.0105	0.0478	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00121	0.00662	0.0253	—	pCi/L	Y	U	U	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00783	0.0125	0.0498	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163624	GELC
R-51 S1	915.0	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0128	0.00768	0.0576	—	pCi/L	Y	U	U	2018-518	CAPA-18-147588	GELC
R-51 S1	915.0	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00702	0.00619	0.0538	—	pCi/L	Y	U	U	2017-196	CAPA-16-126643	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	34.1	40.7	50.8	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-42.8	21.6	66.2	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.5	24.2	92.5	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-1.54	11.8	51	—	pCi/L	Y	U	U	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.6	19.2	38.9	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163624	GELC
R-51 S1	915.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.97	12.3	49.5	—	pCi/L	Y	U	U	2018-518	CAPA-18-147588	GELC
R-51 S1	915.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.8	16.4	50.8	—	pCi/L	Y	U	U	2017-196	CAPA-16-126643	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.678	0.252	0.73	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.648	0.207	0.532	—	pCi/L	Y	—	NQ	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.109	0.109	0.393	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188532	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	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0719	0.144	0.551	—	pCi/L	Y	U	U	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	10/21/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.218	0.1	0.27	—	pCi/L	Y	U	U	12-148	CAPA-12-1159	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.981	0.289	—	—	pCi/L	Y	—	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.04	0.292	—	—	pCi/L	Y	—	NQ	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.502	0.303	—	—	pCi/L	Y	—	U	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.697	0.313	—	—	pCi/L	Y	—	U	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.303	0.142	0.45	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.396	0.206	0.669	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.625	0.278	0.877	—	pCi/L	Y	U	U	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.392	0.283	0.948	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	10/21/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.212	0.13	0.41	—	pCi/L	Y	U	U	12-148	CAPA-12-1159	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.6	—	—	0.053	mg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.4	—	—	0.053	mg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	9.61	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	J-	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.97	—	—	0.1	mg/L	Y	—	J-	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	8.79	—	—	0.1	mg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.63	—	—	0.1	mg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.529	1.43	5.54	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.74	1.21	5.01	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.627	2.42	9.93	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.406	1.2	4.65	—	pCi/L	Y	U	U	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.69	0.898	3.14	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163624	GELC
R-51 S1	915.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.279	1.17	4.65	—	pCi/L	Y	U	U	2018-518	CAPA-18-147588	GELC
R-51 S1	915.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.67	0.949	4.2	—	pCi/L	Y	U	U	2017-196	CAPA-16-126643	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	122	—	—	1	uS/cm	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	118	—	—	1	uS/cm	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	104	—	—	1	uS/cm	Y	—	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	105	—	—	1	uS/cm	Y	—	NQ	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	121	—	—	1	uS/cm	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	133	—	—	1	uS/cm	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	121	—	—	1	uS/cm	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47	—	—	1	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.7	—	—	1	µg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.2	—	—	1	µg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.211	0.115	0.493	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.149	0.13	0.47	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.218	0.115	0.409	—	pCi/L	Y	U	U	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.107	0.11	0.391	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	11/02/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00987	0.13	0.483	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163624	GELC
R-51 S1	915.0	10/18/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.166	0.13	0.434	—	pCi/L	Y	U	U	2018-518	CAPA-18-147588	GELC
R-51 S1	915.0	10/20/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0554	0.131	0.466	—	pCi/L	Y	U	U	2017-196	CAPA-16-126643	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.81	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.68	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.96	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.97	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.96	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.95	—	—	0.133	mg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.98	—	—	0.133	mg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-51 S1	915.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	J	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	101	—	—	3.4	mg/L	Y	—	J	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	106	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0254	—	—	0.02	mg/L	Y	J	J	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0338	—	—	0.02	mg/L	Y	J	U	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0466	—	—	0.02	mg/L	Y	J	U	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0396	—	—	0.02	mg/L	Y	J	U	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0897	—	—	0.02	mg/L	Y	—	U	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0303	—	—	0.02	mg/L	Y	J	J	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.113	0.914	3.096	—	pCi/L	Y	U	U	N3B-2021-302	CAPA-21-209031	ARSL
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	4.875	1.201	2.955	—	pCi/L	Y	—	U	N3B-2021-302	CAPA-21-209575	ARSL
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.351	0.882	2.826	—	pCi/L	Y	U	U	N3B-2020-246	CAMO-20-188379	ARSL
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.174	0.881	2.855	—	pCi/L	Y	U	U	N3B-2020-246	CAPA-20-188532	ARSL
R-51 S1	915.0	04/19/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.232	0.913	3.104	—	pCi/L	Y	UQ	U	N3B-2019-1618	CAPA-19-171661	ARSL
R-51 S1	915.0	11/02/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.322	0.881	3.004	—	pCi/L	Y	U*	U	N3B-2019-419	CAPA-19-163624	ARSL
R-51 S1	915.0	04/05/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.657	0.776	2.657	—	pCi/L	Y	U*	U	2018-2406	CAPA-18-151777	ARSL
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.214	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.197	—	—	0.067	µg/L	Y	J	J	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.206	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.204	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.202	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.186	—	—	0.067	µg/L	Y	J	J	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.193	—	—	0.067	µg/L	Y	J	J	2017-196	CAPA-16-126671	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.131	0.0221	0.055	—	pCi/L	Y	—	NQ	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.145	0.0237	0.063	—	pCi/L	Y	—	NQ	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.201	0.0337	0.0916	—	pCi/L	Y	—	NQ	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.166	0.0291	0.087	—	pCi/L	Y	—	NQ	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.525	0.0392	0.093	—	pCi/L	Y	—	NQ	N3B-2019-367	CAPA-19-163624	GELC
R-51 S1	915.0	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.248	0.0302	0.0718	—	pCi/L	Y	—	NQ	2018-518	CAPA-18-147588	GELC
R-51 S1	915.0	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.212	0.0362	0.287	—	pCi/L	Y	U	U	2017-196	CAPA-16-126643	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.029	0.0109	0.0357	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0133	0.0094	0.0409	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0291	0.0163	0.0661	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0196	0.017	0.0619	—	pCi/L	Y	U	U	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0338	0.0127	0.0901	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163624	GELC
R-51 S1	915.0	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0335	0.0133	0.0764	—	pCi/L	Y	U	U	2018-518	CAPA-18-147588	GELC
R-51 S1	915.0	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0384	0.0191	0.15	—	pCi/L	Y	U	U	2017-196	CAPA-16-126643	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.068	0.0147	0.0491	—	pCi/L	Y	—	NQ	N3B-2021-264	CAPA-21-209031	GELC
R-51 S1	915.0	10/29/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0457	0.0159	0.0562	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209575	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0541	0.0201	0.107	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188532	GELC
R-51 S1	915.0	10/29/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0832	0.0213	0.102	—	pCi/L	Y	U	U	N3B-2020-225	CAMO-20-188379	GELC
R-51 S1	915.0	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.274	0.0295	0.0918	—	pCi/L	Y	—	NQ	N3B-2019-367	CAPA-19-163624	GELC
R-51 S1	915.0	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0577	0.0148	0.0694	—	pCi/L	Y	U	U	2018-518	CAPA-18-147588	GELC
R-51 S1	915.0	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.13	0.0278	0.193	—	pCi/L	Y	U	U	2017-196	CAPA-16-126643	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.17	—	—	1	µg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209030	GELC
R-51 S1	915.0	10/29/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.57	—	—	1	µg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209574	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.39	—	—	1	µg/L	Y	—	NQ	N3B-2020-225	CAMO-20-188378	GELC
R-51 S1	915.0	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.13	—	—	1	µg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188531	GELC
R-51 S1	915.0	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.35	—	—	1	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163623	GELC
R-51 S1	915.0	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.83	—	—	1	µg/L	Y	—	NQ	2018-518	CAPA-18-147562	GELC
R-51 S1	915.0	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.25	—	—	1	µg/L	Y	—	NQ	2017-196	CAPA-16-126671	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	0.01	SU	Y	H	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	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	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	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-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	0.01	SU	Y	H	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	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	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	0.01	SU	Y	H	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	56.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	57.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188533	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	58.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	59	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	58.7	—	—	1.45	mg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	61	—	—	1.45	mg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0142	0.00729	0.0367	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00000000171	0.00711	0.0411	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0116	0.0072	0.046	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163627	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00725	0.00444	0.0433	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163629	GELC
R-51 S2	1030.96	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0106	0.00648	0.0464	—	pCi/L	Y	U	U	2018-518	CAPA-18-147589	GELC
R-51 S2	1030.96	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00844	0.00667	0.0516	—	pCi/L	Y	U	U	2017-196	CAPA-16-126644	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.32	—	—	2	µg/L	Y	J	J	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.41	—	—	2	µg/L	Y	J	J	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	25.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.5	—	—	1	µg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.1	—	—	1	µg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.94	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.32	1.63	3.9	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.04	1.73	5.13	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.251	1.99	4.44	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163627	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.651	1.08	4.12	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163629	GELC
R-51 S2	1030.96	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.26	1.28	5.84	—	pCi/L	Y	U	U	2018-518	CAPA-18-147589	GELC
R-51 S2	1030.96	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.241	2.04	3.21	—	pCi/L	Y	U	U	2017-196	CAPA-16-126644	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.93	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.98	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.81	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.8	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.067	mg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.067	mg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.38	0.981	3.51	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.26	1.86	7.32	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.225	1.34	4.96	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163627	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0331	1.18	4.58	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163629	GELC
R-51 S2	1030.96	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.41	1.83	8.31	—	pCi/L	Y	U	U	2018-518	CAPA-18-147589	GELC
R-51 S2	1030.96	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.227	1	3.75	—	pCi/L	Y	U	U	2017-196	CAPA-16-126644	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.273	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.354	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.152	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.155	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.139	—	—	0.033	mg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.123	—	—	0.033	mg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.782	0.791	2.95	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.932	0.649	2.92	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.262	0.68	2.8	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163627	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.281	0.577	2.79	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163629	GELC
R-51 S2	1030.96	10/18/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.908	0.77	2.73	—	pCi/L	Y	U	U	2018-518	CAPA-18-147589	GELC
R-51 S2	1030.96	10/20/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.11	0.555	2.3	—	pCi/L	Y	U	U	2017-196	CAPA-16-126644	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.08	0.953	2.82	—	pCi/L	Y	—	NQ	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.13	0.846	2.84	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.53	0.667	1.93	—	pCi/L	Y	—	NQ	N3B-2019-367	CAPA-19-163627	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.09	0.702	1.94	—	pCi/L	Y	—	NQ	N3B-2019-367	CAPA-19-163629	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-51 S2	1030.96	10/18/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.35	0.745	2.13	—	pCi/L	Y	—	NQ	2018-518	CAPA-18-147589	GELC
R-51 S2	1030.96	10/20/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.588	0.785	2.74	—	pCi/L	Y	U	U	2017-196	CAPA-16-126644	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	38	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	37	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	38.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	38.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	37.3	—	—	0.453	mg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	37.1	—	—	0.453	mg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.01	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.95	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.12	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.09	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.82	—	—	0.11	mg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.75	—	—	0.11	mg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.849	—	—	0.2	µg/L	Y	J	J	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.771	—	—	0.2	µg/L	Y	J	J	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.784	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.764	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.92	—	—	0.2	µg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.791	—	—	0.3	µg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.45	1.89	6.29	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.81	3.11	11.6	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.7	4.38	9.56	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163627	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.498	2.33	8.42	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163629	GELC
R-51 S2	1030.96	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.637	2.94	10.3	—	pCi/L	Y	U	U	2018-518	CAPA-18-147589	GELC
R-51 S2	1030.96	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.43	2.21	6.31	—	pCi/L	Y	U	U	2017-196	CAPA-16-126644	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.292	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.265	—	—	0.017	mg/L	Y	—	J-	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.302	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.3	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.265	—	—	0.017	mg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.295	—	—	0.017	mg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.284	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.302	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.29	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.306	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.287	—	—	0.05	µg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.274	—	—	0.05	µg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00257	0.00853	0.0559	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00805	0.0071	0.0486	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00262	0.00943	0.0453	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163627	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00632	0.00558	0.0365	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163629	GELC
R-51 S2	1030.96	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00000000132	0.00745	0.0456	—	pCi/L	Y	U	U	2018-518	CAPA-18-147589	GELC
R-51 S2	1030.96	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0124	0.00964	0.0495	—	pCi/L	Y	U	U	2017-196	CAPA-16-126644	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.018	0.00927	0.0757	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00536	0.00536	0.0472	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00785	0.0108	0.0499	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163627	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0126	0.00788	0.0402	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163629	GELC
R-51 S2	1030.96	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.000000000878	0.00645	0.0592	—	pCi/L	Y	U	U	2018-518	CAPA-18-147589	GELC
R-51 S2	1030.96	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0124	0.00825	0.0572	—	pCi/L	Y	U	U	2017-196	CAPA-16-126644	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	43	26.7	36.9	—	pCi/L	Y	UI	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.47	23.4	90.2	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-34.6	15.5	54.9	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163627	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-29.6	15.9	58.1	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163629	GELC
R-51 S2	1030.96	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.4	21.3	91	—	pCi/L	Y	U	U	2018-518	CAPA-18-147589	GELC
R-51 S2	1030.96	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.7	20.6	36	—	pCi/L	Y	U	U	2017-196	CAPA-16-126644	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.33	0.3	0.682	—	pCi/L	Y	—	NQ	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.275	0.11	0.304	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.57	0.329	—	—	pCi/L	Y	—	NQ	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.591	0.296	—	—	pCi/L	Y	—	U	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.243	0.135	0.441	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.317	0.275	0.933	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.2	—	—	0.053	mg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.1	—	—	0.053	mg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.95	—	—	0.1	mg/L	Y	—	J-	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.27	—	—	0.1	mg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.406	1.04	3.58	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.356	1.69	6.51	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.85	1.18	3.89	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163627	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.05	1.1	3.27	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163629	GELC
R-51 S2	1030.96	10/18/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.78	2.12	6.98	—	pCi/L	Y	U	U	2018-518	CAPA-18-147589	GELC
R-51 S2	1030.96	10/20/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.43	0.749	2.81	—	pCi/L	Y	U	U	2017-196	CAPA-16-126644	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	121	—	—	1	uS/cm	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	106	—	—	1	uS/cm	Y	—	NQ	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	124	—	—	1	uS/cm	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	124	—	—	1	uS/cm	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	134	—	—	1	uS/cm	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	122	—	—	1	uS/cm	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.9	—	—	1	µg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.9	—	—	1	µg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0106	0.128	0.473	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.126	0.123	0.488	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.401	0.153	0.485	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163627	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.256	0.116	0.48	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163629	GELC
R-51 S2	1030.96	10/18/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0893	0.118	0.443	—	pCi/L	Y	U	U	2018-518	CAPA-18-147589	GELC
R-51 S2	1030.96	10/20/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.156	0.108	0.47	—	pCi/L	Y	U	U	2017-196	CAPA-16-126644	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.63	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.91	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.92	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.92	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.92	—	—	0.133	mg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.9	—	—	0.133	mg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	J	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0256	—	—	0.02	mg/L	Y	J	J	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.032	—	—	0.02	mg/L	Y	J	U	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0365	—	—	0.02	mg/L	Y	J	U	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0388	—	—	0.02	mg/L	Y	J	U	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0896	—	—	0.02	mg/L	Y	—	U	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0359	—	—	0.02	mg/L	Y	J	J	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.044	0.889	3.01	—	pCi/L	Y	U	U	N3B-2021-302	CAPA-21-209034	ARSL
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.184	0.705	2.239	—	pCi/L	Y	U	U	N3B-2020-246	CAPA-20-188534	ARSL

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

Location ID	Screen Depth (ft)	Sample Date	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-51 S2	1030.96	04/19/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.836	0.91	3.049	—	pCi/L	Y	UQ	U	N3B-2019-1618	CAPA-19-171664	ARSL
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.399	0.966	3.244	—	pCi/L	Y	U*	U	N3B-2019-419	CAPA-19-163627	ARSL
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.264	0.814	2.774	—	pCi/L	Y	U*	U	N3B-2019-419	CAPA-19-163629	ARSL
R-51 S2	1030.96	04/05/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.56	0.796	2.722	—	pCi/L	Y	U*	U	2018-2406	CAPA-18-151778	ARSL
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.225	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.217	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.227	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.23	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.229	—	—	0.067	µg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.212	—	—	0.067	µg/L	Y	—	NQ	2017-196	CAPA-16-126672	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.168	0.0243	0.0638	—	pCi/L	Y	—	NQ	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.162	0.0273	0.067	—	pCi/L	Y	—	NQ	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.175	0.0266	0.111	—	pCi/L	Y	—	NQ	N3B-2019-367	CAPA-19-163627	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.327	0.0339	0.104	—	pCi/L	Y	—	NQ	N3B-2019-367	CAPA-19-163629	GELC
R-51 S2	1030.96	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.254	0.0262	0.0528	—	pCi/L	Y	—	NQ	2018-518	CAPA-18-147589	GELC
R-51 S2	1030.96	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.252	0.0366	0.259	—	pCi/L	Y	U	U	2017-196	CAPA-16-126644	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0134	0.0106	0.0414	—	pCi/L	Y	U	U	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00377	0.00998	0.0477	—	pCi/L	Y	U	U	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0445	0.0157	0.108	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163627	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00754	0.0131	0.1	—	pCi/L	Y	U	U	N3B-2019-367	CAPA-19-163629	GELC
R-51 S2	1030.96	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00617	0.00872	0.0562	—	pCi/L	Y	U	U	2018-518	CAPA-18-147589	GELC
R-51 S2	1030.96	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0252	0.0144	0.135	—	pCi/L	Y	U	U	2017-196	CAPA-16-126644	GELC
R-51 S2	1030.96	10/29/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0653	0.0172	0.0569	—	pCi/L	Y	—	NQ	N3B-2021-264	CAPA-21-209034	GELC
R-51 S2	1030.96	10/29/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.104	0.0198	0.0785	—	pCi/L	Y	—	NQ	N3B-2020-225	CAPA-20-188534	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.111	0.0217	0.11	—	pCi/L	Y	—	NQ	N3B-2019-367	CAPA-19-163627	GELC
R-51 S2	1030.96	11/02/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.253	0.0294	0.102	—	pCi/L	Y	—	NQ	N3B-2019-367	CAPA-19-163629	GELC
R-51 S2	1030.96	10/18/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.125	0.019	0.0511	—	pCi/L	Y	—	NQ	2018-518	CAPA-18-147589	GELC
R-51 S2	1030.96	10/20/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.107	0.0256	0.174	—	pCi/L	Y	U	U	2017-196	CAPA-16-126644	GELC
R-51 S2	1030.96	10/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.89	—	—	1	µg/L	Y	J	J	N3B-2021-264	CAPA-21-209033	GELC
R-51 S2	1030.96	10/29/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.13	—	—	1	µg/L	Y	—	NQ	N3B-2020-225	CAPA-20-188533	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.75	—	—	1	µg/L	Y	J	J	N3B-2019-367	CAPA-19-163626	GELC
R-51 S2	1030.96	11/02/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.88	—	—	1	µg/L	Y	J	J	N3B-2019-367	CAPA-19-163628	GELC
R-51 S2	1030.96	10/18/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.03	—	—	1	µg/L	Y	—	NQ	2018-518	CAPA-18-147563	GELC
R-51 S2	1030.96	10/20/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.84	—	—	1	µg/L	Y	J	J	2017-196	CAPA-16-126672	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.34	—	—	0.01	SU	Y	H	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	0.01	SU	Y	H	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	60.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	64	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62.3	—	—	1.45	mg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62	—	—	1.45	mg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00966	0.0058	0.035	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00204	0.00456	0.0409	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00178	0.00643	0.0425	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163632	GELC
R-52 S1	1035.2	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0095	0.00823	0.0416	—	pCi/L	Y	U	U	2018-496	CAPA-18-147590	GELC
R-52 S1	1035.2	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00803	0.0184	0.0491	—	pCi/L	Y	U	U	2017-177	CAPA-16-126645	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.2	—	—	1	µg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.3	—	—	1	µg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.5	—	—	15	µg/L	Y	J	J	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.06	1.19	4.71	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0244	1.57	5.67	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.81	2.02	2.83	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163632	GELC
R-52 S1	1035.2	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.06	1.21	4.16	—	pCi/L	Y	U	U	2018-496	CAPA-18-147590	GELC
R-52 S1	1035.2	10/19/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.07	0.845	3.24	—	pCi/L	Y	U	U	2017-177	CAPA-16-126645	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.8	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.69	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.57	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.7	—	—	0.067	mg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.61	—	—	0.067	mg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.1	1.31	4.9	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.42	1.58	5.53	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.323	0.874	3.35	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163632	GELC
R-52 S1	1035.2	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.23	1.16	5.36	—	pCi/L	Y	U	U	2018-496	CAPA-18-147590	GELC
R-52 S1	1035.2	10/19/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.663	0.784	3.21	—	pCi/L	Y	U	U	2017-177	CAPA-16-126645	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.341	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.362	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.22	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.26	—	—	0.033	mg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.225	—	—	0.033	mg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0305	0.365	1.54	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.74	0.75	2.79	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.295	0.712	2.73	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163632	GELC
R-52 S1	1035.2	10/17/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.369	0.706	2.78	—	pCi/L	Y	U	U	2018-496	CAPA-18-147590	GELC
R-52 S1	1035.2	10/19/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.628	0.647	2.45	—	pCi/L	Y	U	U	2017-177	CAPA-16-126645	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.75	0.439	2.01	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.16	0.793	2.38	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.85	0.817	2.28	—	pCi/L	Y	—	NQ	N3B-2019-164	CAPA-19-163632	GELC
R-52 S1	1035.2	10/17/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.75	0.666	1.91	—	pCi/L	Y	—	NQ	2018-496	CAPA-18-147590	GELC
R-52 S1	1035.2	10/19/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.31	0.889	2.74	—	pCi/L	Y	U	U	2017-177	CAPA-16-126645	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	40.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.6	—	—	0.453	mg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44	—	—	0.453	mg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.22	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.82	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.07	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.02	—	—	0.11	mg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.08	—	—	0.11	mg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.44	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.42	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.45	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.43	—	—	0.2	µg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.4	—	—	0.3	µg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.878	2.39	8.66	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.557	2.34	8.11	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.85	1.62	5.39	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163632	GELC
R-52 S1	1035.2	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.27	2.54	8.18	—	pCi/L	Y	U	U	2018-496	CAPA-18-147590	GELC
R-52 S1	1035.2	10/19/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.453	1.84	6	—	pCi/L	Y	U	U	2017-177	CAPA-16-126645	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.11	—	—	0.6	µg/L	Y	J	J	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.86	—	—	0.6	µg/L	Y	J	J	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.729	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.739	—	—	0.017	mg/L	Y	—	J+	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.788	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.724	—	—	0.017	mg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.729	—	—	0.017	mg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.388	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.403	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.389	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.422	—	—	0.05	µg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.412	—	—	0.05	µg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	0.995	—	—	0.738	ng/L	Y	J	J	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.633	—	—	0.633	ng/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00387	0.00866	0.0421	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00861	0.0149	0.0781	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0146	0.0121	0.0507	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163632	GELC
R-52 S1	1035.2	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00565	0.00498	0.0326	—	pCi/L	Y	U	U	2018-496	CAPA-18-147590	GELC
R-52 S1	1035.2	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00397	0.00795	0.0395	—	pCi/L	Y	U	U	2017-177	CAPA-16-126645	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00193	0.00843	0.0569	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00861	0.0161	0.0758	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00585	0.0131	0.0557	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163632	GELC
R-52 S1	1035.2	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0207	0.00941	0.0423	—	pCi/L	Y	U	U	2018-496	CAPA-18-147590	GELC
R-52 S1	1035.2	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0119	0.00794	0.0457	—	pCi/L	Y	U	U	2017-177	CAPA-16-126645	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.92	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.93	—	—	0.05	mg/L	Y	—	J+	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.79	—	—	0.05	mg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.74	—	—	0.05	mg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.2	19.1	70.4	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-39.6	17.2	59	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.12	12	43.7	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163632	GELC
R-52 S1	1035.2	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.6	15.8	65.9	—	pCi/L	Y	U	U	2018-496	CAPA-18-147590	GELC
R-52 S1	1035.2	10/19/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.41	17.6	27.1	—	pCi/L	Y	U	U	2017-177	CAPA-16-126645	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.559	0.122	0.238	—	pCi/L	Y	—	NQ	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.293	0.127	0.351	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.762	0.232	—	—	pCi/L	Y	—	NQ	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.293	0.226	—	—	pCi/L	Y	—	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.203	0.197	0.674	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0178	0.187	0.711	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.9	—	—	0.053	mg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.6	—	—	0.053	mg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.944	1.06	4.72	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.93	1.45	6.44	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.564	0.81	2.89	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163632	GELC
R-52 S1	1035.2	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.16	1.16	4.85	—	pCi/L	Y	U	U	2018-496	CAPA-18-147590	GELC
R-52 S1	1035.2	10/19/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.608	0.782	3.18	—	pCi/L	Y	U	U	2017-177	CAPA-16-126645	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	139	—	—	1	uS/cm	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	123	—	—	1	uS/cm	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	144	—	—	1	uS/cm	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	139	—	—	1	uS/cm	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	159	—	—	1	uS/cm	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51	—	—	1	µg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.2	—	—	1	µg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.6	—	—	1	µg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0368	0.135	0.488	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.287	0.137	0.475	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.2	0.118	0.475	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163632	GELC
R-52 S1	1035.2	10/17/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0931	0.118	0.477	—	pCi/L	Y	U	U	2018-496	CAPA-18-147590	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-52 S1	1035.2	10/19/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.057	0.124	0.469	—	pCi/L	Y	U	U	2017-177	CAPA-16-126645	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.81	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.03	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.82	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.92	—	—	0.133	mg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.79	—	—	0.133	mg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	J+	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	381	—	—	3.4	mg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.471	—	—	0.33	mg/L	Y	J	J	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.444	—	—	0.33	mg/L	Y	J	J	N3B-2019-164	CAPA-19-163632	GELC
R-52 S1	1035.2	10/17/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-496	CAPA-18-147590	GELC
R-52 S1	1035.2	10/19/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-177	CAPA-16-126645	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	0.995	—	—	—	ng/L	Y	J	J	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0	—	—	1.81	ng/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.338	0.905	3.068	—	pCi/L	Y	U	U	N3B-2021-96	CAPA-21-209039	ARSL
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.361	0.959	3.268	—	pCi/L	Y	U	U	N3B-2020-188	CAPA-20-188539	ARSL
R-52 S1	1035.2	04/09/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.116	0.777	2.636	—	pCi/L	Y	U*	U	N3B-2019-1365	CAPA-19-171666	ARSL
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.424	0.739	2.52	—	pCi/L	Y	U	U	N3B-2019-169	CAPA-19-163632	ARSL
R-52 S1	1035.2	04/04/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.936	0.841	2.802	—	pCi/L	Y	QU	U	2018-2312	CAPA-18-151779	ARSL
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.373	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.332	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.359	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.382	—	—	0.067	µg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.425	—	—	0.067	µg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.215	0.0251	0.0597	—	pCi/L	Y	—	NQ	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.249	0.037	0.0968	—	pCi/L	Y	—	NQ	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.313	0.0293	0.0867	—	pCi/L	Y	—	NQ	N3B-2019-164	CAPA-19-163632	GELC
R-52 S1	1035.2	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.475	0.0408	0.0703	—	pCi/L	Y	—	NQ	2018-496	CAPA-18-147590	GELC
R-52 S1	1035.2	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.393	0.049	0.298	—	pCi/L	Y	—	NQ	2017-177	CAPA-16-126645	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.022	0.0114	0.0388	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0462	0.019	0.0699	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00631	0.00773	0.084	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163632	GELC
R-52 S1	1035.2	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.127	0.0269	0.0748	—	pCi/L	Y	—	NQ	2018-496	CAPA-18-147590	GELC
R-52 S1	1035.2	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0506	0.0226	0.156	—	pCi/L	Y	U	U	2017-177	CAPA-16-126645	GELC
R-52 S1	1035.2	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.127	0.0184	0.0533	—	pCi/L	Y	—	NQ	N3B-2021-89	CAPA-21-209039	GELC
R-52 S1	1035.2	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.14	0.0284	0.113	—	pCi/L	Y	—	NQ	N3B-2020-129	CAPA-20-188539	GELC
R-52 S1	1035.2	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.13	0.0212	0.0856	—	pCi/L	Y	—	J	N3B-2019-164	CAPA-19-163632	GELC
R-52 S1	1035.2	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.315	0.034	0.068	—	pCi/L	Y	—	NQ	2018-496	CAPA-18-147590	GELC
R-52 S1	1035.2	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.202	0.0369	0.2	—	pCi/L	Y	—	NQ	2017-177	CAPA-16-126645	GELC
R-52 S1	1035.2	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.23	—	—	1	µg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209038	GELC
R-52 S1	1035.2	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.29	—	—	1	µg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188538	GELC
R-52 S1	1035.2	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163631	GELC
R-52 S1	1035.2	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.16	—	—	1	µg/L	Y	—	NQ	2018-496	CAPA-18-147564	GELC
R-52 S1	1035.2	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.83	—	—	1	µg/L	Y	—	NQ	2017-177	CAPA-16-126673	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	0.01	SU	Y	H	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	58.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	58.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	57.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	58.9	—	—	1.45	mg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	59	—	—	1.45	mg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0264	0.00767	0.0319	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0234	0.0121	0.067	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0115	0.00948	0.0549	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163635	GELC
R-52 S2	1107.0	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00441	0.00623	0.0386	—	pCi/L	Y	U	U	2018-496	CAPA-18-147591	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-52 S2	1107.0	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0104	0.00696	0.0426	—	pCi/L	Y	U	U	2017-177	CAPA-16-126646	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27.8	—	—	1	µg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28.2	—	—	1	µg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.72	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.06	1.53	4.6	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.89	1.01	3.97	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.17	0.944	3.07	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163635	GELC
R-52 S2	1107.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.49	1.59	6.75	—	pCi/L	Y	U	U	2018-496	CAPA-18-147591	GELC
R-52 S2	1107.0	10/19/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.23	0.806	2.96	—	pCi/L	Y	U	U	2017-177	CAPA-16-126646	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.16	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.15	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.04	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.12	—	—	0.067	mg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.09	—	—	0.067	mg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.79	1.51	4.39	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.772	1.2	4.98	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.339	0.985	3.68	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163635	GELC
R-52 S2	1107.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.09	1.19	4.24	—	pCi/L	Y	U	U	2018-496	CAPA-18-147591	GELC
R-52 S2	1107.0	10/19/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.521	0.788	2.91	—	pCi/L	Y	U	U	2017-177	CAPA-16-126646	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.295	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.309	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.171	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.237	—	—	0.033	mg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.166	—	—	0.033	mg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0518	0.516	2.4	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.37	0.735	2.93	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.215	0.748	2.86	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163635	GELC
R-52 S2	1107.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.96	1.26	2.73	—	pCi/L	Y	—	NQ	2018-496	CAPA-18-147591	GELC
R-52 S2	1107.0	10/19/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.28	0.711	2.73	—	pCi/L	Y	U	U	2017-177	CAPA-16-126646	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.292	0.678	2.46	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.67	0.888	2.66	—	pCi/L	Y	—	NQ	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.9	0.77	2.34	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163635	GELC
R-52 S2	1107.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.21	0.625	1.79	—	pCi/L	Y	—	NQ	2018-496	CAPA-18-147591	GELC
R-52 S2	1107.0	10/19/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.831	0.859	2.91	—	pCi/L	Y	U	U	2017-177	CAPA-16-126646	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	34.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	38.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	36.8	—	—	0.453	mg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	37.3	—	—	0.453	mg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.54	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.75	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.69	—	—	0.11	mg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.7	—	—	0.11	mg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.15	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.18	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.14	—	—	0.2	µg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.13	—	—	0.3	µg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.04	3.46	13	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.72	2.51	7.26	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.75	1.61	5.92	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163635	GELC
R-52 S2	1107.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.08	2.17	7.88	—	pCi/L	Y	U	U	2018-496	CAPA-18-147591	GELC
R-52 S2	1107.0	10/19/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.00185	1.44	5.29	—	pCi/L	Y	U	U	2017-177	CAPA-16-126646	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.362	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.385	—	—	0.017	mg/L	Y	—	J+	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.418	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.368	—	—	0.017	mg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.401	—	—	0.017	mg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.283	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.292	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.28	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.308	—	—	0.05	µg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.299	—	—	0.05	µg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0175	0.00654	0.038	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00000000077	0.00924	0.0838	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00492	0.0092	0.0426	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163635	GELC
R-52 S2	1107.0	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0106	0.00766	0.0368	—	pCi/L	Y	U	U	2018-496	CAPA-18-147591	GELC
R-52 S2	1107.0	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00223	0.00591	0.0444	—	pCi/L	Y	U	U	2017-177	CAPA-16-126646	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00175	0.00677	0.0514	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00923	0.0131	0.0813	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00492	0.0115	0.0469	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163635	GELC
R-52 S2	1107.0	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0361	0.0129	0.0478	—	pCi/L	Y	U	U	2018-496	CAPA-18-147591	GELC
R-52 S2	1107.0	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0201	0.00805	0.0513	—	pCi/L	Y	U	U	2017-177	CAPA-16-126646	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	J+	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.42	23.4	98.4	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21.7	22.9	33.8	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.57	18.5	53.1	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163635	GELC
R-52 S2	1107.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-19.9	17.9	61.7	—	pCi/L	Y	U	U	2018-496	CAPA-18-147591	GELC
R-52 S2	1107.0	10/19/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.28	12.7	40.4	—	pCi/L	Y	U	U	2017-177	CAPA-16-126646	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.166	0.0977	0.318	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.227	0.113	0.349	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.235	0.162	—	—	pCi/L	Y	—	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.394	0.272	—	—	pCi/L	Y	—	U	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0695	0.129	0.471	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.167	0.247	0.868	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.2	—	—	0.053	mg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.3	—	—	0.053	mg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.86	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.354	1.61	7.14	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.3	1.17	3.94	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.386	1.04	3.64	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163635	GELC
R-52 S2	1107.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.91	1.55	5.68	—	pCi/L	Y	U	U	2018-496	CAPA-18-147591	GELC
R-52 S2	1107.0	10/19/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.913	0.827	2.9	—	pCi/L	Y	U	U	2017-177	CAPA-16-126646	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	119	—	—	1	uS/cm	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	108	—	—	1	uS/cm	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	124	—	—	1	uS/cm	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	137	—	—	1	uS/cm	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	127	—	—	1	uS/cm	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44	—	—	1	µg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	41	—	—	1	µg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.3	—	—	1	µg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0443	0.13	0.484	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0207	0.129	0.465	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188541	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-52 S2	1107.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.136	0.137	0.473	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163635	GELC
R-52 S2	1107.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00159	0.121	0.457	—	pCi/L	Y	U	U	2018-496	CAPA-18-147591	GELC
R-52 S2	1107.0	10/19/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0908	0.137	0.471	—	pCi/L	Y	U	U	2017-177	CAPA-16-126646	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.16	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.54	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.25	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.37	—	—	0.133	mg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.32	—	—	0.133	mg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	3.4	mg/L	Y	—	J+	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	J	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.843	0.908	3.078	—	pCi/L	Y	U	U	N3B-2021-96	CAPA-21-209042	ARSL
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.571	0.888	2.807	—	pCi/L	Y	U	U	N3B-2020-188	CAPA-20-188541	ARSL
R-52 S2	1107.0	04/09/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.186	0.819	2.761	—	pCi/L	Y	U*	U	N3B-2019-1365	CAPA-19-171669	ARSL
R-52 S2	1107.0	10/17/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.667	0.877	2.912	—	pCi/L	Y	U	U	N3B-2019-169	CAPA-19-163635	ARSL
R-52 S2	1107.0	04/04/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.373	0.785	2.631	—	pCi/L	Y	QU	U	2018-2312	CAPA-18-151780	ARSL
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.313	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.276	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.294	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.317	—	—	0.067	µg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.328	—	—	0.067	µg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.475	0.0404	0.0724	—	pCi/L	Y	—	NQ	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.229	0.0363	0.0949	—	pCi/L	Y	—	NQ	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.214	0.026	0.0869	—	pCi/L	Y	—	NQ	N3B-2019-164	CAPA-19-163635	GELC
R-52 S2	1107.0	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.364	0.031	0.0518	—	pCi/L	Y	—	NQ	2018-496	CAPA-18-147591	GELC
R-52 S2	1107.0	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.305	0.0434	0.28	—	pCi/L	Y	—	NQ	2017-177	CAPA-16-126646	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0229	0.0108	0.047	—	pCi/L	Y	U	U	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0211	0.0142	0.0685	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0158	0.00948	0.0842	—	pCi/L	Y	U	U	N3B-2019-164	CAPA-19-163635	GELC
R-52 S2	1107.0	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.106	0.0184	0.0551	—	pCi/L	Y	—	NQ	2018-496	CAPA-18-147591	GELC
R-52 S2	1107.0	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0542	0.0253	0.146	—	pCi/L	Y	U	U	2017-177	CAPA-16-126646	GELC
R-52 S2	1107.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.309	0.0315	0.0646	—	pCi/L	Y	—	NQ	N3B-2021-89	CAPA-21-209042	GELC
R-52 S2	1107.0	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.107	0.0265	0.111	—	pCi/L	Y	U	U	N3B-2020-129	CAPA-20-188541	GELC
R-52 S2	1107.0	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0972	0.0184	0.0858	—	pCi/L	Y	—	NQ	N3B-2019-164	CAPA-19-163635	GELC
R-52 S2	1107.0	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.176	0.0227	0.0501	—	pCi/L	Y	—	NQ	2018-496	CAPA-18-147591	GELC
R-52 S2	1107.0	10/19/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.162	0.0309	0.188	—	pCi/L	Y	U	U	2017-177	CAPA-16-126646	GELC
R-52 S2	1107.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.21	—	—	1	µg/L	Y	—	NQ	N3B-2021-89	CAPA-21-209041	GELC
R-52 S2	1107.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.41	—	—	1	µg/L	Y	—	NQ	N3B-2020-129	CAPA-20-188540	GELC
R-52 S2	1107.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.04	—	—	1	µg/L	Y	—	NQ	N3B-2019-164	CAPA-19-163634	GELC
R-52 S2	1107.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.97	—	—	1	µg/L	Y	—	NQ	2018-496	CAPA-18-147565	GELC
R-52 S2	1107.0	10/19/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.8	—	—	1	µg/L	Y	—	NQ	2017-177	CAPA-16-126674	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	59.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	59	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	59.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	61.1	—	—	1.45	mg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	61	—	—	1.45	mg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0289	0.0153	0.0524	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00841	0.00941	0.0422	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0102	0.00958	0.0513	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00633	0.00699	0.0503	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00269	0.00712	0.0472	—	pCi/L	Y	U	U	2018-604	CAPA-18-147592	GELC
R-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00275	0.00991	0.0672	—	pCi/L	Y	U	U	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0431	—	—	0.017	mg/L	Y	J	J	N3B-2021-221	CAPA-21-209045	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-53 S1	849.2	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0305	—	—	0.017	mg/L	Y	J	U	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0219	—	—	0.017	mg/L	Y	J	U	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0217	—	—	0.017	mg/L	Y	J	U	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0638	—	—	0.017	mg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0496	—	—	0.017	mg/L	Y	J	U	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.02	—	—	2	µg/L	Y	J	J	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.06	—	—	2	µg/L	Y	J	J	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.12	—	—	2	µg/L	Y	J	J	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	26.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.6	—	—	1	µg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	10.3	—	—	5.77	µg/L	Y	J	J	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.28	—	—	6.28	µg/L	Y	U	U	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.14	—	—	6.14	µg/L	Y	U	U	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	U	N3B-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.59	—	—	6.59	µg/L	Y	U	U	2018-604	CAPA-18-147592	GELC
R-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	22	—	—	6.59	µg/L	Y	U	U	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.7	—	—	15	µg/L	Y	J	J	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	J-	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	J-	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.158	0.565	2.04	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.768	1.09	3.87	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.416	1.04	4.03	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2	0.85	3.54	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.709	1.34	4.31	—	pCi/L	Y	U	U	2018-604	CAPA-18-147592	GELC
R-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.128	1.59	6.03	—	pCi/L	Y	U	U	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.87	—	—	0.067	mg/L	Y	—	J+	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.067	mg/L	Y	—	J+	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.88	—	—	0.067	mg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.067	mg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0685	1.14	4.56	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.829	1.17	4.37	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.549	0.876	3.9	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.229	0.888	3.5	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.18	0.999	4.11	—	pCi/L	Y	U	U	2018-604	CAPA-18-147592	GELC
R-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.116	1.26	5.25	—	pCi/L	Y	U	U	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.343	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.316	—	—	0.033	mg/L	Y	—	J	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.312	—	—	0.033	mg/L	Y	—	J	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.271	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.195	—	—	0.033	mg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.177	—	—	0.033	mg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.383	0.658	2.64	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.288	0.603	2.54	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.762	0.795	2.94	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188548	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.51	0.743	2.87	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.159	0.547	2.16	—	pCi/L	Y	U	U	2018-604	CAPA-18-147592	GELC
R-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.737	0.838	2.92	—	pCi/L	Y	U	U	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.68	0.98	2.94	—	pCi/L	Y	—	NQ	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.41	0.848	2.97	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.89	0.925	2.81	—	pCi/L	Y	—	NQ	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.94	0.411	1.24	—	pCi/L	Y	—	J	N3B-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.97	0.956	2.45	—	pCi/L	Y	—	NQ	2018-604	CAPA-18-147592	GELC
R-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.697	0.767	2.6	—	pCi/L	Y	U	U	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	40.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.4	—	—	0.453	mg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.2	—	—	0.453	mg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.64	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.54	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.04	—	—	0.11	mg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.1	—	—	0.11	mg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.14	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.14	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.14	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.2	µg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.13	—	—	0.3	µg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.949	2.24	8.49	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.24	2.22	8.7	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.19	1.87	7.28	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.57	1.64	5.82	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.69	2.11	7.56	—	pCi/L	Y	U	U	2018-604	CAPA-18-147592	GELC
R-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.78	2.95	10	—	pCi/L	Y	U	U	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.392	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.383	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.39	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.39	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.388	—	—	0.017	mg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.367	—	—	0.017	mg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000496	—	—	0.00047	µg/L	Y	J	J	N3B-2021-222	CAPA-21-209046	SwRI
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.88	—	—	2.88	µg/L	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	—	0.00047	µg/L	Y	U	UJ	N3B-2020-210	CAPA-20-188546	SWRI
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	—	—	0.00047	µg/L	Y	U	UJ	N3B-2020-210	CAPA-20-188548	SWRI
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.14	—	—	3.14	µg/L	Y	U	U	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.07	—	—	3.07	µg/L	Y	U	U	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/26/2018	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-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	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	U	2018-604	CAPA-18-147592	GELC
R-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	11	—	—	3.3	µg/L	Y	U	U	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.285	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.286	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.298	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.283	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.278	—	—	0.05	µg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.277	—	—	0.05	µg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0233	0.0145	0.0843	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00551	0.00954	0.0499	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00907	0.00642	0.0411	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.000000000935	0.00687	0.0486	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0159	0.0082	0.0335	—	pCi/L	Y	U	U	2018-604	CAPA-18-147592	GELC
R-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00477	0.00674	0.0474	—	pCi/L	Y	U	U	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0349	0.0186	0.114	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0165	0.0146	0.0485	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188546	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0068	0.00818	0.0399	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0224	0.0137	0.0535	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0114	0.00991	0.0479	—	pCi/L	Y	U	U	2018-604	CAPA-18-147592	GELC
R-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0262	0.00923	0.0548	—	pCi/L	Y	U	U	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.71	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.05	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11	17.7	69.7	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21.5	17.7	40.1	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-8.82	14.8	60.3	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.3	13.8	48.1	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.6	13	40.1	—	pCi/L	Y	U	U	2018-604	CAPA-18-147592	GELC
R-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26.2	16.1	59.6	—	pCi/L	Y	U	U	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.797	0.195	0.382	—	pCi/L	Y	—	NQ	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.412	0.118	0.225	—	pCi/L	Y	—	NQ	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.198	0.109	0.347	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/25/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.266	0.13	0.36	—	pCi/L	Y	U	U	12-178	CAPA-12-1192	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.29	0.312	—	—	pCi/L	Y	—	NQ	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.14	0.293	—	—	pCi/L	Y	—	NQ	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.698	0.254	—	—	pCi/L	Y	—	U	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.492	0.244	0.79	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.727	0.269	0.805	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.5	0.229	0.728	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/25/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.343	0.14	0.41	—	pCi/L	Y	U	U	12-178	CAPA-12-1192	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.2	—	—	0.053	mg/L	Y	—	J-	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.8	—	—	0.053	mg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.92	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	J-	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	J-	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.79	—	—	0.1	mg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.33	1.22	3.81	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.528	0.938	3.87	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.843	0.838	3.09	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.07	0.84	3.88	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.615	1	4.47	—	pCi/L	Y	U	U	2018-604	CAPA-18-147592	GELC
R-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.39	1.62	6.88	—	pCi/L	Y	U	U	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	130	—	—	1	uS/cm	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	107	—	—	1	uS/cm	Y	—	NQ	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	108	—	—	1	uS/cm	Y	—	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	128	—	—	1	uS/cm	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	147	—	—	1	uS/cm	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	124	—	—	1	uS/cm	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	48	—	—	1	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45	—	—	1	µg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.3	—	—	1	µg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.7	—	—	1	µg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0698	0.0595	0.199	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0283	0.139	0.485	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0337	0.135	0.485	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0395	0.138	0.491	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0249	0.122	0.476	—	pCi/L	Y	U	U	2018-604	CAPA-18-147592	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.058	0.141	0.489	—	pCi/L	Y	U	U	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.78	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.75	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.81	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.86	—	—	0.133	mg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.88	—	—	0.133	mg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	103	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	35.7	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.166	0.938	3.049	—	pCi/L	Y	U	U	N3B-2021-220	CAPA-21-209046	ARSL
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.874	0.792	2.593	—	pCi/L	Y	U	U	N3B-2020-246	CAPA-20-188546	ARSL
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.549	0.912	3.046	—	pCi/L	Y	U	U	N3B-2020-246	CAPA-20-188548	ARSL
R-53 S1	849.2	04/25/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.767	0.872	2.971	—	pCi/L	Y	UQ	U	N3B-2019-1618	CAPA-19-171671	ARSL
R-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.665	0.778	2.66	—	pCi/L	Y	U*	U	N3B-2019-294	CAPA-19-163638	ARSL
R-53 S1	849.2	04/12/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-8.202	1.514	3.424	—	pCi/L	Y	QU	U	2018-2480	CAPA-18-151781	ARSL
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.394	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.375	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.37	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.37	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.37	—	—	0.067	µg/L	Y	—	NQ	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.409	—	—	0.067	µg/L	Y	—	NQ	2017-299	CAPA-16-126675	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.295	0.0399	0.0922	—	pCi/L	Y	—	NQ	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.305	0.0302	0.0589	—	pCi/L	Y	—	NQ	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.275	0.0252	0.0458	—	pCi/L	Y	—	NQ	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.344	0.036	0.116	—	pCi/L	Y	—	NQ	N3B-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.378	0.0381	0.068	—	pCi/L	Y	—	NQ	2018-604	CAPA-18-147592	GELC
R-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.356	0.0461	0.276	—	pCi/L	Y	—	NQ	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0137	0.0117	0.0608	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00332	0.00877	0.0419	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00515	0.00729	0.0326	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0211	0.014	0.113	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0561	0.0171	0.0726	—	pCi/L	Y	U	U	2018-604	CAPA-18-147592	GELC
R-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0168	0.0143	0.144	—	pCi/L	Y	U	U	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.116	0.0245	0.0824	—	pCi/L	Y	—	NQ	N3B-2021-221	CAPA-21-209046	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.15	0.0211	0.069	—	pCi/L	Y	—	NQ	N3B-2020-209	CAPA-20-188546	GELC
R-53 S1	849.2	10/25/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.142	0.0179	0.0536	—	pCi/L	Y	—	NQ	N3B-2020-209	CAPA-20-188548	GELC
R-53 S1	849.2	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.174	0.0258	0.115	—	pCi/L	Y	—	NQ	N3B-2019-272	CAPA-19-163638	GELC
R-53 S1	849.2	10/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.104	0.0206	0.0658	—	pCi/L	Y	—	NQ	2018-604	CAPA-18-147592	GELC
R-53 S1	849.2	10/31/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.158	0.0306	0.186	—	pCi/L	Y	U	U	2017-299	CAPA-16-126647	GELC
R-53 S1	849.2	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.52	—	—	1	µg/L	Y	J	J	N3B-2021-221	CAPA-21-209045	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.96	—	—	1	µg/L	Y	J	J	N3B-2020-209	CAPA-20-188545	GELC
R-53 S1	849.2	10/25/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.03	—	—	1	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188547	GELC
R-53 S1	849.2	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.64	—	—	1	µg/L	Y	J	J	N3B-2019-272	CAPA-19-163637	GELC
R-53 S1	849.2	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.53	—	—	1	µg/L	Y	J	J	2018-604	CAPA-18-147566	GELC
R-53 S1	849.2	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.46	—	—	1	µg/L	Y	J	J	2017-299	CAPA-16-126675	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.37	—	—	1.5	µg/L	Y	J	J	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	2.27	—	—	1.5	µg/L	Y	J	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	04/25/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.58	—	—	1.5	µg/L	Y	J	U	N3B-2019-1622	CAPA-19-171673	GELC
R-53 S2	959.7	04/25/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2019-1622	CAPA-19-171675	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	04/12/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-2417	CAPA-18-151782	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.24	—	—	0.01	SU	Y	H	NQ	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	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	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	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	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	58.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	58	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188550	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-53 S2	959.7	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	60.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	59.9	—	—	1.45	mg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	61	—	—	1.45	mg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0023	0.0115	0.0417	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00595	0.0111	0.0596	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0105	0.0081	0.0499	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	10/27/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00712	0.00872	0.0624	—	pCi/L	Y	U	U	2018-604	CAPA-18-147593	GELC
R-53 S2	959.7	10/31/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0157	0.00828	0.0765	—	pCi/L	Y	U	U	2017-299	CAPA-16-126648	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0315	—	—	0.017	mg/L	Y	J	J	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.035	—	—	0.017	mg/L	Y	J	U	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0334	—	—	0.017	mg/L	Y	J	U	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0751	—	—	0.017	mg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0449	—	—	0.017	mg/L	Y	J	U	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27.9	—	—	1	µg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28.2	—	—	1	µg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	10.3	—	—	6.03	µg/L	Y	J	J	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.44	—	—	6.44	µg/L	Y	U	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.38	—	—	6.38	µg/L	Y	U	U	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	10/27/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.67	—	—	6.67	µg/L	Y	U	U	2018-604	CAPA-18-147593	GELC
R-53 S2	959.7	10/31/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	21.1	—	—	6.32	µg/L	Y	U	U	2017-299	CAPA-16-126648	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	J-	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-4.45	1.86	5.79	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.183	1.44	5.24	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.404	1.25	4.36	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	10/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.52	2.02	6.81	—	pCi/L	Y	U	U	2018-604	CAPA-18-147593	GELC
R-53 S2	959.7	10/31/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.264	1.42	5.33	—	pCi/L	Y	U	U	2017-299	CAPA-16-126648	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.82	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.81	—	—	0.067	mg/L	Y	—	J+	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.81	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	—	0.067	mg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.8	—	—	0.067	mg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.39	—	—	3	µg/L	Y	J	J	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.39	—	—	3	µg/L	Y	J	J	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.49	—	—	3	µg/L	Y	J	J	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.1	—	—	3	µg/L	Y	J	J	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.71	—	—	3	µg/L	Y	J	J	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.532	0.996	4.39	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.52	1.81	7.5	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.29	1.24	4.81	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	10/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.682	1.78	7.88	—	pCi/L	Y	U	U	2018-604	CAPA-18-147593	GELC
R-53 S2	959.7	10/31/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.56	1.49	6.38	—	pCi/L	Y	U	U	2017-299	CAPA-16-126648	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.324	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.306	—	—	0.033	mg/L	Y	—	J	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.238	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.207	—	—	0.033	mg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.164	—	—	0.033	mg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0604	0.598	2.72	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.272	0.533	2.68	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.49	0.743	2.9	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	10/27/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.54	0.701	2.08	—	pCi/L	Y	U	U	2018-604	CAPA-18-147593	GELC
R-53 S2	959.7	10/31/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.362	0.669	2.95	—	pCi/L	Y	U	U	2017-299	CAPA-16-126648	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.8	0.666	1.75	—	pCi/L	Y	—	NQ	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.85	0.731	2.31	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.56	0.394	1.19	—	pCi/L	Y	—	NQ	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	10/27/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.03	0.787	2.47	—	pCi/L	Y	U	U	2018-604	CAPA-18-147593	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-53 S2	959.7	10/31/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.3	0.917	2.94	—	pCi/L	Y	U	U	2017-299	CAPA-16-126648	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	40.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	40.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	38.5	—	—	0.453	mg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39	—	—	0.453	mg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.16	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.51	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.53	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.95	—	—	0.11	mg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.07	—	—	0.11	mg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.04	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.2	µg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.3	µg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.98	3.56	12.9	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.16	2.33	8.6	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.85	2.06	7.31	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	10/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.35	6.26	11	—	pCi/L	Y	U	U	2018-604	CAPA-18-147593	GELC
R-53 S2	959.7	10/31/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.581	2.29	8.74	—	pCi/L	Y	U	U	2017-299	CAPA-16-126648	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.354	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.367	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.355	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.402	—	—	0.017	mg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.345	—	—	0.017	mg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.305	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.243	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.288	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.29	—	—	0.05	µg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.269	—	—	0.05	µg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00942	0.00999	0.0512	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00227	0.00508	0.0412	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0111	0.00737	0.0385	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	10/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00213	0.00705	0.0313	—	pCi/L	Y	U	U	2018-604	CAPA-18-147593	GELC
R-53 S2	959.7	10/31/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00000000173	0.00819	0.0515	—	pCi/L	Y	U	U	2017-299	CAPA-16-126648	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00236	0.0113	0.0693	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00227	0.00393	0.04	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0178	0.0104	0.0423	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	10/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0106	0.00766	0.0448	—	pCi/L	Y	U	U	2018-604	CAPA-18-147593	GELC
R-53 S2	959.7	10/31/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0233	0.0124	0.0595	—	pCi/L	Y	U	U	2017-299	CAPA-16-126648	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.68	—	—	0.05	mg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.72	—	—	0.05	mg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.1	24.7	101	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-20.8	17.5	68.1	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	Y	84.6	24.2	39.6	—	pCi/L	Y	—	NQ	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	10/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-38	26.9	93	—	pCi/L	Y	U	U	2018-604	CAPA-18-147593	GELC
R-53 S2	959.7	10/31/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	33.6	22.3	52.5	—	pCi/L	Y	U	U	2017-299	CAPA-16-126648	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.323	0.198	0.652	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0	0.104	0.434	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/25/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.645	0.19	0.29	—	pCi/L	Y	—	NQ	12-178	CAPA-12-1196	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.337	0.284	—	—	pCi/L	Y	—	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0	0.24	—	—	pCi/L	Y	—	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0148	0.204	0.734	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.471	0.216	0.91	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/25/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.374	0.15	0.43	—	pCi/L	Y	U	U	12-178	CAPA-12-1196	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-53 S2	959.7	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.6	—	—	0.053	mg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.4	—	—	0.053	mg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	J-	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.3	—	—	0.1	mg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.93	—	—	0.1	mg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0779	1.74	7.43	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.103	1.3	5.22	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.557	1.42	5.13	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	10/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.83	2.05	9.2	—	pCi/L	Y	U	U	2018-604	CAPA-18-147593	GELC
R-53 S2	959.7	10/31/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.991	1.53	6.28	—	pCi/L	Y	U	U	2017-299	CAPA-16-126648	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	127	—	—	1	uS/cm	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	106	—	—	1	uS/cm	Y	—	NQ	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	123	—	—	1	uS/cm	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	144	—	—	1	uS/cm	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	122	—	—	1	uS/cm	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	43.8	—	—	1	µg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.4	—	—	1	µg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.205	0.139	0.466	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.241	0.118	0.476	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0321	0.134	0.491	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	10/27/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.11	0.0726	0.241	—	pCi/L	Y	U	U	2018-604	CAPA-18-147593	GELC
R-53 S2	959.7	10/31/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.329	0.121	0.481	—	pCi/L	Y	U	U	2017-299	CAPA-16-126648	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.75	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.82	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.88	—	—	0.133	mg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.86	—	—	0.133	mg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	107	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	72.9	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.817	0.895	3.039	—	pCi/L	Y	U	U	N3B-2021-220	CAPA-21-209049	ARSL
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.622	0.916	2.895	—	pCi/L	Y	U	U	N3B-2020-246	CAPA-20-188551	ARSL
R-53 S2	959.7	04/25/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.191	0.837	2.844	—	pCi/L	Y	UQ	U	N3B-2019-1618	CAPA-19-171673	ARSL
R-53 S2	959.7	04/25/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.778	0.764	2.601	—	pCi/L	Y	UQ	U	N3B-2019-1618	CAPA-19-171675	ARSL
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.115	0.849	2.894	—	pCi/L	Y	U*	U	N3B-2019-294	CAPA-19-163641	ARSL
R-53 S2	959.7	04/12/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-8.319	1.522	3.393	—	pCi/L	Y	QU	U	2018-2480	CAPA-18-151782	ARSL
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.313	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.315	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.312	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.298	—	—	0.067	µg/L	Y	—	NQ	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.342	—	—	0.067	µg/L	Y	—	NQ	2017-299	CAPA-16-126676	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.17	0.032	0.1	—	pCi/L	Y	—	NQ	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.215	0.0319	0.0832	—	pCi/L	Y	—	NQ	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.23	0.0279	0.108	—	pCi/L	Y	—	NQ	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	10/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.248	0.032	0.0719	—	pCi/L	Y	—	NQ	2018-604	CAPA-18-147593	GELC
R-53 S2	959.7	10/31/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.274	0.0361	0.234	—	pCi/L	Y	—	NQ	2017-299	CAPA-16-126648	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00594	0.0116	0.0663	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0234	0.0141	0.0592	—	pCi/L	Y	U	U	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0118	0.013	0.105	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	10/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0332	0.0136	0.0767	—	pCi/L	Y	U	U	2018-604	CAPA-18-147593	GELC
R-53 S2	959.7	10/31/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.017	0.0117	0.122	—	pCi/L	Y	U	U	2017-299	CAPA-16-126648	GELC
R-53 S2	959.7	10/23/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0848	0.0238	0.0898	—	pCi/L	Y	U	U	N3B-2021-221	CAPA-21-209049	GELC
R-53 S2	959.7	10/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.125	0.0243	0.0975	—	pCi/L	Y	—	NQ	N3B-2020-209	CAPA-20-188551	GELC
R-53 S2	959.7	10/26/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0953	0.0201	0.107	—	pCi/L	Y	U	U	N3B-2019-272	CAPA-19-163641	GELC
R-53 S2	959.7	10/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.123	0.0226	0.0696	—	pCi/L	Y	—	NQ	2018-604	CAPA-18-147593	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-53 S2	959.7	10/31/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.138	0.0263	0.157	—	pCi/L	Y	U	U	2017-299	CAPA-16-126648	GELC
R-53 S2	959.7	10/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.23	—	—	1	µg/L	Y	—	NQ	N3B-2021-221	CAPA-21-209048	GELC
R-53 S2	959.7	10/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.33	—	—	1	µg/L	Y	—	NQ	N3B-2020-209	CAPA-20-188550	GELC
R-53 S2	959.7	10/26/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.23	—	—	1	µg/L	Y	—	NQ	N3B-2019-272	CAPA-19-163640	GELC
R-53 S2	959.7	10/27/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.68	—	—	1	µg/L	Y	J	J	2018-604	CAPA-18-147567	GELC
R-53 S2	959.7	10/31/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.48	—	—	1	µg/L	Y	J	J	2017-299	CAPA-16-126676	GELC
R-54 S1	830.0	10/19/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.031	0.91	3.071	—	pCi/L	Y	U	U	N3B-2021-219	CAPA-21-209052	ARSL
R-54 S1	830.0	10/21/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.645	0.879	2.923	—	pCi/L	Y	U	U	N3B-2020-188	CAPA-20-188851	ARSL
R-54 S1	830.0	04/24/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.253	0.912	3.07	—	pCi/L	Y	UQ	U	N3B-2019-1618	CAPA-19-171676	ARSL
R-54 S1	830.0	10/22/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.6	0.942	3.208	—	pCi/L	Y	U	U	N3B-2019-244	CAPA-19-163643	ARSL
R-54 S1	830.0	04/09/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.958	0.748	2.467	—	pCi/L	Y	U*	U	2018-2406	CAPA-18-151783	ARSL
R-54 S2	915.0	10/19/2020	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-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	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-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	0.01	SU	Y	H	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	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	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	0.01	SU	Y	H	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	60.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	60	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	59.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	58.9	—	—	1.45	mg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	60	—	—	1.45	mg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62	—	—	1.45	mg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0186	0.0131	0.0671	—	pCi/L	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0139	0.0103	0.0463	—	pCi/L	Y	U	U	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/22/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0107	0.00885	0.0512	—	pCi/L	Y	U	U	N3B-2019-206	CAPA-19-163645	GELC
R-54 S2	915.0	10/23/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0115	0.0069	0.0403	—	pCi/L	Y	U	U	2018-556	CAPA-18-147595	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00228	0.00602	0.0557	—	pCi/L	Y	U	U	2017-225	CAPA-16-126650	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00428	0.00908	0.0523	—	pCi/L	Y	U	U	2017-225	CAPA-16-126598	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	13.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	13.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	12.9	—	—	1	µg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	12.4	—	—	1	µg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	12.1	—	—	1	µg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.22	2.46	4.64	—	pCi/L	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.433	1.36	4.37	—	pCi/L	Y	U	U	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/22/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.229	0.821	3.1	—	pCi/L	Y	U	U	N3B-2019-206	CAPA-19-163645	GELC
R-54 S2	915.0	10/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.6	1.33	4.37	—	pCi/L	Y	U	U	2018-556	CAPA-18-147595	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.945	0.924	3.14	—	pCi/L	Y	U	U	2017-225	CAPA-16-126650	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.571	0.969	3.66	—	pCi/L	Y	U	U	2017-225	CAPA-16-126598	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.99	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.91	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.87	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.9	—	—	0.067	mg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.95	—	—	0.067	mg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.93	—	—	0.067	mg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.07	1.12	5.22	—	pCi/L	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.317	1.06	4.5	—	pCi/L	Y	U	U	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/22/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.621	1.09	4.37	—	pCi/L	Y	U	U	N3B-2019-206	CAPA-19-163645	GELC
R-54 S2	915.0	10/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.13	0.886	4.37	—	pCi/L	Y	U	U	2018-556	CAPA-18-147595	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.15	1.35	4.61	—	pCi/L	Y	U	U	2017-225	CAPA-16-126650	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.4	1.12	4.93	—	pCi/L	Y	U	U	2017-225	CAPA-16-126598	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.212	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.29	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.253	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-54 S2	915.0	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.18	—	—	0.033	mg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.201	—	—	0.033	mg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.189	—	—	0.033	mg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.00631	0.479	2.27	—	pCi/L	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.841	0.802	2.87	—	pCi/L	Y	U	U	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/22/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.504	0.761	2.98	—	pCi/L	Y	U	U	N3B-2019-206	CAPA-19-163645	GELC
R-54 S2	915.0	10/23/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.545	0.478	1.7	—	pCi/L	Y	U	U	2018-556	CAPA-18-147595	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.806	0.585	2.55	—	pCi/L	Y	U	U	2017-225	CAPA-16-126650	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.23	0.875	2.97	—	pCi/L	Y	U	U	2017-225	CAPA-16-126598	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.857	0.655	2.67	—	pCi/L	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.95	0.921	2.82	—	pCi/L	Y	—	NQ	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/22/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.36	0.929	2.94	—	pCi/L	Y	U	U	N3B-2019-206	CAPA-19-163645	GELC
R-54 S2	915.0	10/23/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.12	0.96	2.92	—	pCi/L	Y	—	NQ	2018-556	CAPA-18-147595	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.07	0.886	2.98	—	pCi/L	Y	U	U	2017-225	CAPA-16-126650	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.751	0.813	2.79	—	pCi/L	Y	U	U	2017-225	CAPA-16-126598	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	40.8	—	—	0.453	mg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41	—	—	0.453	mg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.3	—	—	0.453	mg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.13	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.93	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.83	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.91	—	—	0.11	mg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.92	—	—	0.11	mg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.82	—	—	0.11	mg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.22	—	—	0.2	µg/L	Y	—	J+	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.21	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.02	—	—	0.2	µg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.3	µg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.3	µg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.48	2.07	8	—	pCi/L	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.505	2.31	8.03	—	pCi/L	Y	U	U	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/22/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.84	1.88	6.57	—	pCi/L	Y	U	U	N3B-2019-206	CAPA-19-163645	GELC
R-54 S2	915.0	10/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	7.06	3.9	9.58	—	pCi/L	Y	U	U	2018-556	CAPA-18-147595	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.89	1.93	7.45	—	pCi/L	Y	U	U	2017-225	CAPA-16-126650	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.13	2.11	6.68	—	pCi/L	Y	U	U	2017-225	CAPA-16-126598	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.36	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.408	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.421	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.361	—	—	0.017	mg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.39	—	—	0.017	mg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.411	—	—	0.017	mg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.277	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.272	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.262	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.301	—	—	0.05	µg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.311	—	—	0.05	µg/L	Y	—	J	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.313	—	—	0.05	µg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00926	0.0111	0.0714	—	pCi/L	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0147	0.0122	0.0535	—	pCi/L	Y	U	U	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/22/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00787	0.0131	0.0454	—	pCi/L	Y	U	U	N3B-2019-206	CAPA-19-163645	GELC
R-54 S2	915.0	10/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0159	0.00748	0.0458	—	pCi/L	Y	U	U	2018-556	CAPA-18-147595	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00568	0.00984	0.0565	—	pCi/L	Y	U	U	2017-225	CAPA-16-126650	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00838	0.00662	0.0417	—	pCi/L	Y	U	U	2017-225	CAPA-16-126598	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00617	0.0115	0.0798	—	pCi/L	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0147	0.0121	0.0519	—	pCi/L	Y	U	U	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/22/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00786	0.00869	0.05	—	pCi/L	Y	U	U	N3B-2019-206	CAPA-19-163645	GELC
R-54 S2	915.0	10/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00748	0.0594	—	pCi/L	Y	U	U	2018-556	CAPA-18-147595	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0114	0.0106	0.0653	—	pCi/L	Y	U	U	2017-225	CAPA-16-126650	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-54 S2	915.0	10/24/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0105	0.00628	0.0481	—	pCi/L	Y	U	U	2017-225	CAPA-16-126598	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.59	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.82	—	—	0.05	mg/L	Y	—	J+	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.61	—	—	0.05	mg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.6	18.2	49.9	—	pCi/L	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.85	16	65	—	pCi/L	Y	U	U	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/22/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	15.2	14.7	55.9	—	pCi/L	Y	U	U	N3B-2019-206	CAPA-19-163645	GELC
R-54 S2	915.0	10/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.99	16.1	41.9	—	pCi/L	Y	U	U	2018-556	CAPA-18-147595	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	Y	47.1	17.1	28.7	—	pCi/L	Y	—	NQ	2017-225	CAPA-16-126650	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-12.7	14.9	51.9	—	pCi/L	Y	U	U	2017-225	CAPA-16-126598	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.22	0.0947	0.27	—	pCi/L	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.238	0.0943	0.228	—	pCi/L	Y	—	NQ	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.251	0.174	—	—	pCi/L	Y	—	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.244	0.175	—	—	pCi/L	Y	—	NQ	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0312	0.146	0.536	—	pCi/L	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.00531	0.147	0.562	—	pCi/L	Y	U	U	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	0.053	mg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.5	—	—	0.053	mg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.31	—	—	0.1	mg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.94	—	—	0.1	mg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	9.48	—	—	0.1	mg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0976	1.27	4.45	—	pCi/L	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.53	0.876	4.45	—	pCi/L	Y	U	U	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/22/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.35	0.886	2.5	—	pCi/L	Y	U	U	N3B-2019-206	CAPA-19-163645	GELC
R-54 S2	915.0	10/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0407	1.25	4.91	—	pCi/L	Y	U	U	2018-556	CAPA-18-147595	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.355	1.02	3.85	—	pCi/L	Y	U	U	2017-225	CAPA-16-126650	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.744	0.847	2.97	—	pCi/L	Y	U	U	2017-225	CAPA-16-126598	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	115	—	—	1	uS/cm	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	108	—	—	1	uS/cm	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	125	—	—	1	uS/cm	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	148	—	—	1	uS/cm	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	130	—	—	1	uS/cm	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	126	—	—	1	uS/cm	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.4	—	—	1	µg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.3	—	—	1	µg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.4	—	—	1	µg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.278	0.11	0.499	—	pCi/L	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0275	0.129	0.467	—	pCi/L	Y	U	U	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/22/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0825	0.0919	0.321	—	pCi/L	Y	U	U	N3B-2019-206	CAPA-19-163645	GELC
R-54 S2	915.0	10/23/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0247	0.116	0.445	—	pCi/L	Y	U	U	2018-556	CAPA-18-147595	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00775	0.0929	0.324	—	pCi/L	Y	U	U	2017-225	CAPA-16-126650	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.214	0.142	0.472	—	pCi/L	Y	U	U	2017-225	CAPA-16-126598	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.86	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.81	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.92	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.92	—	—	0.133	mg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.97	—	—	0.133	mg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.92	—	—	0.133	mg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	J+	N3B-2021-130	CAPA-21-209054	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-54 S2	915.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	110	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	107	—	—	3.4	mg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	H	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	H	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0298	—	—	0.02	mg/L	Y	J	J	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0299	—	—	0.02	mg/L	Y	J	U	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0765	—	—	0.02	mg/L	Y	—	U	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0818	—	—	0.02	mg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0931	—	—	0.02	mg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.25	0.901	3.054	—	pCi/L	Y	U	U	N3B-2021-219	CAPA-21-209055	ARSL
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.645	0.942	2.981	—	pCi/L	Y	U	U	N3B-2020-188	CAPA-20-188555	ARSL
R-54 S2	915.0	04/24/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.051	0.812	2.752	—	pCi/L	Y	UQ	U	N3B-2019-1618	CAPA-19-171677	ARSL
R-54 S2	915.0	10/22/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.799	0.901	3.067	—	pCi/L	Y	U	U	N3B-2019-244	CAPA-19-163645	ARSL
R-54 S2	915.0	04/09/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.358	0.799	2.729	—	pCi/L	Y	U*	U	2018-2406	CAPA-18-151784	ARSL
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.279	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.301	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.252	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.241	—	—	0.067	µg/L	Y	—	NQ	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.285	—	—	0.067	µg/L	Y	—	NQ	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.284	—	—	0.067	µg/L	Y	—	NQ	2017-225	CAPA-16-126600	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.231	0.0389	0.111	—	pCi/L	Y	—	NQ	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.195	0.0329	0.0938	—	pCi/L	Y	—	NQ	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/22/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.209	0.0297	0.107	—	pCi/L	Y	—	NQ	N3B-2019-206	CAPA-19-163645	GELC
R-54 S2	915.0	10/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.312	0.0315	0.0635	—	pCi/L	Y	—	NQ	2018-556	CAPA-18-147595	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.268	0.027	0.138	—	pCi/L	Y	—	NQ	2017-225	CAPA-16-126650	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.265	0.0264	0.136	—	pCi/L	Y	—	NQ	2017-225	CAPA-16-126598	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0194	0.0176	0.0956	—	pCi/L	Y	U	U	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0067	0.0677	—	pCi/L	Y	U	U	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/22/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0234	0.0146	0.104	—	pCi/L	Y	U	U	N3B-2019-206	CAPA-19-163645	GELC
R-54 S2	915.0	10/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0519	0.0166	0.0676	—	pCi/L	Y	U	U	2018-556	CAPA-18-147595	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0499	0.0153	0.0715	—	pCi/L	Y	U	U	2017-225	CAPA-16-126650	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0261	0.0119	0.0705	—	pCi/L	Y	U	U	2017-225	CAPA-16-126598	GELC
R-54 S2	915.0	10/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.105	0.0276	0.101	—	pCi/L	Y	—	NQ	N3B-2021-130	CAPA-21-209055	GELC
R-54 S2	915.0	10/21/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.126	0.0253	0.11	—	pCi/L	Y	—	NQ	N3B-2020-161	CAPA-20-188555	GELC
R-54 S2	915.0	10/22/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0913	0.0225	0.106	—	pCi/L	Y	U	U	N3B-2019-206	CAPA-19-163645	GELC
R-54 S2	915.0	10/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.153	0.023	0.0614	—	pCi/L	Y	—	NQ	2018-556	CAPA-18-147595	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.159	0.0208	0.0926	—	pCi/L	Y	—	NQ	2017-225	CAPA-16-126650	GELC
R-54 S2	915.0	10/24/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.133	0.018	0.0913	—	pCi/L	Y	—	NQ	2017-225	CAPA-16-126598	GELC
R-54 S2	915.0	10/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.02	—	—	1	µg/L	Y	—	NQ	N3B-2021-130	CAPA-21-209054	GELC
R-54 S2	915.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	Y	13.7	—	—	3.3	µg/L	Y	J	J	N3B-2020-161	CAPA-20-188554	GELC
R-54 S2	915.0	10/22/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.18	—	—	1	µg/L	Y	—	NQ	N3B-2019-206	CAPA-19-163644	GELC
R-54 S2	915.0	10/23/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.59	—	—	1	µg/L	Y	J	J	2018-556	CAPA-18-147569	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.64	—	—	1	µg/L	Y	J	J	2017-225	CAPA-16-126678	GELC
R-54 S2	915.0	10/24/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.28	—	—	1	µg/L	Y	J	J	2017-225	CAPA-16-126600	GELC
R-55 S1	860.0	10/14/2020	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	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	0.01	SU	Y	H	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.34	—	—	0.01	SU	Y	H	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.38	—	—	0.01	SU	Y	H	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	0.01	SU	Y	H	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.43	—	—	0.01	SU	Y	H	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	75.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	73.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	76	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	77.8	—	—	1.45	mg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	79.8	—	—	1.45	mg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	80	—	—	1.45	mg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	77	—	—	0.725	mg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00209	0.00694	0.0379	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0076	0.0076	0.0381	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188589	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0293	0.0126	0.0777	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163681	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00256	0.00676	0.0448	—	pCi/L	Y	U	U	2018-495	CAMO-18-147659	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00907	0.00849	0.0398	—	pCi/L	Y	U	U	2018-495	CAMO-18-147684	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000125	0.00591	0.0457	—	pCi/L	Y	U	U	2017-158	CAMO-16-126686	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0331	0.0124	0.0808	—	pCi/L	Y	U	U	2017-158	CAMO-16-126699	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.8	—	—	1	µg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	31.7	—	—	1	µg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33	—	—	1	µg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	32.9	—	—	1	µg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.6	—	—	15	µg/L	Y	J	J	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.7	—	—	15	µg/L	Y	J	J	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.1	—	—	15	µg/L	Y	J	J	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.1	—	—	15	µg/L	Y	J	J	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	17.8	—	—	15	µg/L	Y	J	J	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.8	—	—	15	µg/L	Y	J	J	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	18.3	—	—	15	µg/L	Y	J	J	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.7	—	—	0.05	mg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.7	—	—	0.05	mg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.17	1.03	3.9	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.873	0.966	3.91	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.646	0.884	3.02	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163681	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	5.13	1.83	4.67	—	pCi/L	Y	UI	U	2018-495	CAMO-18-147659	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.04	1.28	3.78	—	pCi/L	Y	U	U	2018-495	CAMO-18-147684	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0119	0.778	2.82	—	pCi/L	Y	U	U	2017-158	CAMO-16-126686	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.139	1.01	3.12	—	pCi/L	Y	U	U	2017-158	CAMO-16-126699	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.17	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.38	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.03	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.17	—	—	0.067	mg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.2	—	—	0.067	mg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.95	—	—	0.067	mg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.01	—	—	0.067	mg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.6	—	—	3	µg/L	Y	J	J	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.57	—	—	3	µg/L	Y	J	J	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.55	—	—	3	µg/L	Y	J	J	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.88	—	—	3	µg/L	Y	J	J	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	3.99	—	—	3	µg/L	Y	J	J	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.75	—	—	3	µg/L	Y	J	J	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	3.97	—	—	3	µg/L	Y	J	J	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.7	1.06	5.13	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.542	0.995	3.78	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.45	0.753	2.39	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163681	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.849	1.17	5.22	—	pCi/L	Y	U	U	2018-495	CAMO-18-147659	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.49	1.42	6.42	—	pCi/L	Y	U	U	2018-495	CAMO-18-147684	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.283	0.838	2.67	—	pCi/L	Y	U	U	2017-158	CAMO-16-126686	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.198	0.732	2.84	—	pCi/L	Y	U	U	2017-158	CAMO-16-126699	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.391	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.413	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.308	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.366	—	—	0.033	mg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.359	—	—	0.033	mg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.261	—	—	0.033	mg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.249	—	—	0.033	mg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0381	0.512	2.57	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.58	0.823	2.42	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.03	0.677	2.25	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163681	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.41	0.845	2.65	—	pCi/L	Y	U	U	2018-495	CAMO-18-147659	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	9.59	1.68	2.63	—	pCi/L	Y	—	NQ	2018-495	CAMO-18-147684	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	3.06	1.11	2.96	—	pCi/L	Y	—	NQ	2017-158	CAMO-16-126686	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.609	0.557	2.48	—	pCi/L	Y	U	U	2017-158	CAMO-16-126699	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.0734	0.561	2.18	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.845	0.666	2.26	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.513	0.489	2.06	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163681	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.2	0.652	1.9	—	pCi/L	Y	—	NQ	2018-495	CAMO-18-147659	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.5	0.679	2.09	—	pCi/L	Y	—	NQ	2018-495	CAMO-18-147684	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	-1.4	0.579	2.57	—	pCi/L	Y	U	U	2017-158	CAMO-16-126686	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.1	0.861	2.87	—	pCi/L	Y	U	U	2017-158	CAMO-16-126699	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	65.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	58.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	63.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	60.8	—	—	0.453	mg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	60.5	—	—	0.453	mg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	61.6	—	—	0.453	mg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	61.3	—	—	0.453	mg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.53	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.05	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.37	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.21	—	—	0.11	mg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.24	—	—	0.11	mg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.16	—	—	0.11	mg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.24	—	—	0.11	mg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.02	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.998	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.2	µg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.2	µg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.3	µg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.01	—	—	0.3	µg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.939	2.35	8.05	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.16	1.91	7.45	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.14	1.64	5.83	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163681	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.29	2.36	9.13	—	pCi/L	Y	U	U	2018-495	CAMO-18-147659	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.47	2.46	8.76	—	pCi/L	Y	U	U	2018-495	CAMO-18-147684	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.2	1.68	5.67	—	pCi/L	Y	U	U	2017-158	CAMO-16-126686	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.445	1.46	5.36	—	pCi/L	Y	U	U	2017-158	CAMO-16-126699	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.745	—	—	0.6	µg/L	Y	J	J	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.925	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.975	—	—	0.017	mg/L	Y	—	J+	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.01	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.895	—	—	0.017	mg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.895	—	—	0.017	mg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.902	—	—	0.017	mg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.917	—	—	0.017	mg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000184	—	—	0.00018	µg/L	Y	J	J	N3B-2021-90	CAMO-21-209060	SwRI
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.97	—	—	2.97	µg/L	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.000271	—	—	0.00018	µg/L	Y	J	U	N3B-2020-125	CAMO-20-188589	SwRI
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.15	—	—	3.15	µg/L	Y	U	U	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.16	—	—	3.16	µg/L	Y	U	U	N3B-2019-164	CAMO-19-163681	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-495	CAMO-18-147659	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.16	—	—	3.16	µg/L	Y	U	U	2018-495	CAMO-18-147684	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-55 S1	860.0	10/18/2016	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	11.1	—	—	3.33	µg/L	Y	U	U	2017-158	CAMO-16-126686	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	10	—	—	3	µg/L	Y	U	U	2017-158	CAMO-16-126699	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.491	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.529	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.48	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.498	—	—	0.05	µg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.504	—	—	0.05	µg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.501	—	—	0.05	µg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.504	—	—	0.05	µg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0333	0.00976	0.0452	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00395	0.00684	0.0716	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0171	0.00946	0.0424	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163681	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00246	0.0137	0.0427	—	pCi/L	Y	U	U	2018-495	CAMO-18-147659	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00255	0.0122	0.0441	—	pCi/L	Y	U	U	2018-495	CAMO-18-147684	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00761	0.00982	0.0504	—	pCi/L	Y	U	U	2017-158	CAMO-16-126686	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0191	0.0106	0.0544	—	pCi/L	Y	U	U	2017-158	CAMO-16-126699	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0146	0.0104	0.0612	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00558	0.0695	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00733	0.00946	0.0466	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163681	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00246	0.0123	0.0553	—	pCi/L	Y	U	U	2018-495	CAMO-18-147659	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00764	0.00674	0.0572	—	pCi/L	Y	U	U	2018-495	CAMO-18-147684	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0101	0.0101	0.0583	—	pCi/L	Y	U	U	2017-158	CAMO-16-126686	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0273	0.0102	0.0628	—	pCi/L	Y	U	U	2017-158	CAMO-16-126699	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.64	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	J+	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.31	16.2	38.7	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.9	15	56.1	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.96	14.6	47.9	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163681	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	31.9	19.4	54.9	—	pCi/L	Y	U	U	2018-495	CAMO-18-147659	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	9.03	14.6	66	—	pCi/L	Y	U	U	2018-495	CAMO-18-147684	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-0.611	10.8	42.4	—	pCi/L	Y	U	U	2017-158	CAMO-16-126686	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.77	18.9	28.4	—	pCi/L	Y	U	U	2017-158	CAMO-16-126699	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.166	0.0656	0.159	—	pCi/L	Y	—	NQ	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.292	0.131	0.392	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.166	0.13	—	—	pCi/L	Y	—	NQ	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.638	0.223	—	—	pCi/L	Y	—	U	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0717	0.112	0.459	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.346	0.181	0.584	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.6	—	—	0.053	mg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.3	—	—	0.053	mg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.2	—	—	0.053	mg/L	Y	E	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	0.053	mg/L	Y	E	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.772	1.1	4.13	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.512	0.961	4.12	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.151	0.763	2.9	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163681	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.117	1.38	5.44	—	pCi/L	Y	U	U	2018-495	CAMO-18-147659	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.2	1.31	4.11	—	pCi/L	Y	U	U	2018-495	CAMO-18-147684	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-55 S1	860.0	10/18/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.623	0.652	2.59	—	pCi/L	Y	U	U	2017-158	CAMO-16-126686	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.391	0.852	3.27	—	pCi/L	Y	U	U	2017-158	CAMO-16-126699	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	171	—	—	1	uS/cm	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	153	—	—	1	uS/cm	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	173	—	—	1	uS/cm	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	188	—	—	1	uS/cm	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	189	—	—	1	uS/cm	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	C	Y	174	—	—	1	uS/cm	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	171	—	—	1	uS/cm	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	80.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	74	—	—	1	µg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	73.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	68.2	—	—	1	µg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	67.4	—	—	1	µg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	73.5	—	—	1	µg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	73.5	—	—	1	µg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0491	0.0879	0.329	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.311	0.106	0.431	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.108	0.129	0.484	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163681	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.347	0.142	0.445	—	pCi/L	Y	U	U	2018-495	CAMO-18-147659	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.237	0.138	0.455	—	pCi/L	Y	U	U	2018-495	CAMO-18-147684	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.161	0.143	0.486	—	pCi/L	Y	U	U	2017-158	CAMO-16-126686	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.304	0.151	0.489	—	pCi/L	Y	U	U	2017-158	CAMO-16-126699	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.41	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.77	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.26	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.5	—	—	0.133	mg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.49	—	—	0.133	mg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.27	—	—	0.133	mg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.28	—	—	0.133	mg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.23	—	—	2.5	µg/L	Y	J	J	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.6	—	—	2.5	µg/L	Y	J	J	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	J+	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.203	0.945	3.2	—	pCi/L	Y	U	U	N3B-2021-96	CAMO-21-209060	ARSL
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.858	0.882	2.904	—	pCi/L	Y	U	U	N3B-2020-188	CAMO-20-188589	ARSL
R-55 S1	860.0	04/23/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.547	0.842	2.868	—	pCi/L	Y	UQ	U	N3B-2019-1618	CAMO-19-171745	ARSL
R-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.06	0.993	3.256	—	pCi/L	Y	U	U	N3B-2019-169	CAMO-19-163681	ARSL
R-55 S1	860.0	04/04/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.763	0.615	2.097	—	pCi/L	Y	QU	U	2018-2312	CAMO-18-152701	ARSL
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.668	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.555	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.572	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.595	—	—	0.067	µg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.616	—	—	0.067	µg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.645	—	—	0.067	µg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.635	—	—	0.067	µg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.46	0.0387	0.0678	—	pCi/L	Y	—	NQ	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.537	0.0579	0.112	—	pCi/L	Y	—	NQ	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.581	0.0421	0.0958	—	pCi/L	Y	—	NQ	N3B-2019-164	CAMO-19-163681	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.656	0.0419	0.0544	—	pCi/L	Y	—	NQ	2018-495	CAMO-18-147659	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.525	0.0368	0.0503	—	pCi/L	Y	—	NQ	2018-495	CAMO-18-147684	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.587	0.0583	0.287	—	pCi/L	Y	—	NQ	2017-158	CAMO-16-126686	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-55 S1	860.0	10/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.493	0.0529	0.275	—	pCi/L	Y	—	NQ	2017-158	CAMO-16-126699	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0179	0.0107	0.044	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0315	0.0244	0.0797	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0244	0.0126	0.0929	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163681	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.184	0.0254	0.0579	—	pCi/L	Y	—	NQ	2018-495	CAMO-18-147659	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0999	0.0181	0.0536	—	pCi/L	Y	—	NQ	2018-495	CAMO-18-147684	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0628	0.0223	0.15	—	pCi/L	Y	U	U	2017-158	CAMO-16-126686	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0938	0.0262	0.144	—	pCi/L	Y	U	U	2017-158	CAMO-16-126699	GELC
R-55 S1	860.0	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.278	0.0295	0.0605	—	pCi/L	Y	—	NQ	N3B-2021-89	CAMO-21-209060	GELC
R-55 S1	860.0	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.184	0.0353	0.131	—	pCi/L	Y	—	NQ	N3B-2020-129	CAMO-20-188589	GELC
R-55 S1	860.0	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.257	0.0272	0.0946	—	pCi/L	Y	—	NQ	N3B-2019-164	CAMO-19-163681	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.409	0.034	0.0526	—	pCi/L	Y	—	NQ	2018-495	CAMO-18-147659	GELC
R-55 S1	860.0	10/17/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.269	0.0268	0.0487	—	pCi/L	Y	—	NQ	2018-495	CAMO-18-147684	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.293	0.0412	0.193	—	pCi/L	Y	—	NQ	2017-158	CAMO-16-126686	GELC
R-55 S1	860.0	10/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.23	0.0362	0.185	—	pCi/L	Y	—	NQ	2017-158	CAMO-16-126699	GELC
R-55 S1	860.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.69	—	—	1	µg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209059	GELC
R-55 S1	860.0	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.04	—	—	1	µg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188474	GELC
R-55 S1	860.0	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.34	—	—	1	µg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163680	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.65	—	—	1	µg/L	Y	—	NQ	2018-495	CAMO-18-147644	GELC
R-55 S1	860.0	10/17/2017	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.84	—	—	1	µg/L	Y	—	NQ	2018-495	CAMO-18-147682	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.18	—	—	1	µg/L	Y	—	NQ	2017-158	CAMO-16-126688	GELC
R-55 S1	860.0	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.12	—	—	1	µg/L	Y	—	NQ	2017-158	CAMO-16-126706	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.56	—	—	0.01	SU	Y	H	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	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-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.57	—	—	0.01	SU	Y	H	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.57	—	—	0.01	SU	Y	H	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.18	—	—	1.45	mg/L	Y	J	J	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	6.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	6.79	—	—	1.45	mg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	77.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	79.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	77	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	77.8	—	—	1.45	mg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	84	—	—	1.45	mg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0194	0.00775	0.0351	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00616	0.00681	0.0412	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0277	0.0098	0.0551	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0072	0.0115	0.0421	—	pCi/L	Y	U	U	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00389	0.0055	0.0475	—	pCi/L	Y	U	U	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	34.8	—	—	1	µg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.5	—	—	1	µg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.8	—	—	15	µg/L	Y	J	J	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.9	—	—	15	µg/L	Y	J	J	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.3	—	—	15	µg/L	Y	J	J	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.5	—	—	15	µg/L	Y	J	J	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.3	—	—	15	µg/L	Y	J	J	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18	—	—	0.05	mg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.218	1.12	4.07	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.39	1.34	4.75	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0514	0.945	3.38	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.81	0.904	2.72	—	pCi/L	Y	U	U	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0405	0.606	2.26	—	pCi/L	Y	U	U	2017-158	CAMO-16-126700	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.82	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.95	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.82	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.9	—	—	0.067	mg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.82	—	—	0.067	mg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.27	—	—	3	µg/L	Y	J	J	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.95	—	—	3	µg/L	Y	J	J	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.86	—	—	3	µg/L	Y	J	J	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.04	—	—	3	µg/L	Y	J	J	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.14	—	—	3	µg/L	Y	J	J	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.165	1.17	4.71	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.79	1.74	5.64	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0261	1.05	4.02	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.72	1.26	3.44	—	pCi/L	Y	U	U	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.141	0.654	2.6	—	pCi/L	Y	U	U	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.395	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.429	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.339	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.45	—	—	0.033	mg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.274	—	—	0.033	mg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.157	0.435	2.29	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.396	0.425	2.64	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.74	0.771	2.34	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.819	0.792	2.8	—	pCi/L	Y	U	U	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0626	0.676	2.78	—	pCi/L	Y	U	U	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.21	0.647	2.07	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.27	0.715	2.02	—	pCi/L	Y	—	NQ	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.75	0.725	2.21	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.48	0.784	2.38	—	pCi/L	Y	—	NQ	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.33	0.723	2.33	—	pCi/L	Y	U	U	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	65.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	57.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	63.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	61.4	—	—	0.453	mg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	63.5	—	—	0.453	mg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.67	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.11	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.59	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.44	—	—	0.11	mg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.54	—	—	0.11	mg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.09	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.12	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.946	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1	—	—	0.2	µg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.3	µg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.43	2.43	8.76	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.693	3.4	12.1	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.03	2.07	7.58	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.72	1.92	7.88	—	pCi/L	Y	U	U	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.66	1.29	4.53	—	pCi/L	Y	U	U	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.66	—	—	0.6	µg/L	Y	J	J	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.746	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.783	—	—	0.017	mg/L	Y	—	J+	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.843	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.748	—	—	0.017	mg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.775	—	—	0.017	mg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.000799	—	—	0.00018	µg/L	Y	—	J	N3B-2021-90	CAMO-21-209063	SwRI
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.97	—	—	2.97	µg/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.000214	—	—	0.00018	µg/L	Y	J	UJ	N3B-2020-125	CAMO-20-188482	SWRI
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.49	—	—	3.49	µg/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.16	—	—	3.16	µg/L	Y	U	U	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.23	—	—	3.23	µg/L	Y	U	U	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	10.4	—	—	3.13	µg/L	Y	U	U	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.0134	—	—	0.00036	µg/L	Y	—	J	N3B-2021-90	CAMO-21-209063	SwRI
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.97	—	—	2.97	µg/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.000533	—	—	0.00036	µg/L	Y	—	UJ	N3B-2020-125	CAMO-20-188482	SWRI
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.49	—	—	3.49	µg/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.16	—	—	3.16	µg/L	Y	U	U	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.23	—	—	3.23	µg/L	Y	U	U	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	10.4	—	—	3.13	µg/L	Y	U	U	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.408	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.457	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.464	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.467	—	—	0.05	µg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.453	—	—	0.05	µg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00481	0.0123	0.0523	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00662	0.00662	0.0601	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00648	0.0128	0.0374	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00221	0.00733	0.0383	—	pCi/L	Y	U	U	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0118	0.00853	0.047	—	pCi/L	Y	U	U	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00961	0.00961	0.0707	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00662	0.00811	0.0583	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0151	0.012	0.0412	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00663	0.00663	0.0497	—	pCi/L	Y	U	U	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00473	0.00748	0.0543	—	pCi/L	Y	U	U	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.65	—	—	0.05	mg/L	Y	—	J+	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.61	—	—	0.05	mg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-20.1	16.5	60.5	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.48	23.5	97.6	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	39.4	22.3	40.8	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.6	14.9	57.4	—	pCi/L	Y	U	U	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	Y	34.6	12.1	26.2	—	pCi/L	Y	—	NQ	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0874	0.0757	0.269	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.37	0.138	0.379	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.215	0.242	—	—	pCi/L	Y	—	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.37	0.219	—	—	pCi/L	Y	—	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.128	0.23	0.806	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.299	0.17	0.723	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.6	—	—	0.053	mg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.7	—	—	0.053	mg/L	Y	E	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.95	1.6	5.4	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.481	2.01	8.12	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.509	0.939	3.8	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.411	1.16	4.41	—	pCi/L	Y	U	U	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.269	0.529	2.23	—	pCi/L	Y	U	U	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	170	—	—	1	uS/cm	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	151	—	—	1	uS/cm	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	172	—	—	1	uS/cm	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	185	—	—	1	uS/cm	Y	—	NQ	2018-495	CAMO-18-147645	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-55 S2	994.4	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	174	—	—	1	uS/cm	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	83.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	76.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	81.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	72	—	—	1	µg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	82.7	—	—	1	µg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0583	0.137	0.485	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.065	0.0712	0.238	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.328	0.116	0.487	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.367	0.143	0.444	—	pCi/L	Y	U	U	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.431	0.158	0.482	—	pCi/L	Y	U	U	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.18	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.29	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.45	—	—	0.133	mg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.29	—	—	0.133	mg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	J+	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.393	—	—	0.33	mg/L	Y	J	J	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.401	—	—	0.33	mg/L	Y	J	J	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.111	0.936	3.167	—	pCi/L	Y	U	U	N3B-2021-96	CAMO-21-209063	ARSL
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.826	0.946	3.128	—	pCi/L	Y	U	U	N3B-2020-188	CAMO-20-188482	ARSL
R-55 S2	994.4	04/25/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.138	0.84	2.834	—	pCi/L	Y	UQ	U	N3B-2019-1618	CAMO-19-171747	ARSL
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.116	0.973	3.32	—	pCi/L	Y	U	U	N3B-2019-169	CAMO-19-163685	ARSL
R-55 S2	994.4	04/04/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.947	0.829	2.831	—	pCi/L	Y	QU	U	2018-2312	CAMO-18-152705	ARSL
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.671	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.544	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.527	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.564	—	—	0.067	µg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.589	—	—	0.067	µg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.436	0.0402	0.0726	—	pCi/L	Y	—	NQ	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.45	0.0511	0.0996	—	pCi/L	Y	—	NQ	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.43	0.0306	0.0686	—	pCi/L	Y	—	NQ	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.586	0.0407	0.053	—	pCi/L	Y	—	NQ	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.589	0.0614	0.314	—	pCi/L	Y	—	NQ	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0153	0.0108	0.0472	—	pCi/L	Y	U	U	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0112	0.0159	0.0709	—	pCi/L	Y	U	U	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0125	0.00967	0.0665	—	pCi/L	Y	U	U	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.139	0.0221	0.0564	—	pCi/L	Y	—	NQ	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0916	0.0278	0.164	—	pCi/L	Y	U	U	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.217	0.027	0.0648	—	pCi/L	Y	—	NQ	N3B-2021-89	CAMO-21-209063	GELC
R-55 S2	994.4	10/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.145	0.0333	0.117	—	pCi/L	Y	—	NQ	N3B-2020-129	CAMO-20-188482	GELC
R-55 S2	994.4	10/17/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.194	0.0218	0.0677	—	pCi/L	Y	—	NQ	N3B-2019-164	CAMO-19-163685	GELC
R-55 S2	994.4	10/17/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.366	0.033	0.0513	—	pCi/L	Y	—	NQ	2018-495	CAMO-18-147660	GELC
R-55 S2	994.4	10/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.392	0.0511	0.211	—	pCi/L	Y	—	NQ	2017-158	CAMO-16-126700	GELC
R-55 S2	994.4	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.73	—	—	1	µg/L	Y	—	NQ	N3B-2021-89	CAMO-21-209062	GELC
R-55 S2	994.4	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.89	—	—	1	µg/L	Y	J	J	N3B-2020-129	CAMO-20-188481	GELC
R-55 S2	994.4	10/17/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-164	CAMO-19-163684	GELC
R-55 S2	994.4	10/17/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.87	—	—	1	µg/L	Y	—	NQ	2018-495	CAMO-18-147645	GELC
R-55 S2	994.4	10/18/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.18	—	—	1	µg/L	Y	—	NQ	2017-158	CAMO-16-126707	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.29	—	—	0.01	SU	Y	H	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.23	—	—	0.01	SU	Y	H	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	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	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	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	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	68.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-56 S1	945.0	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	67	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	67.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	66.5	—	—	1.45	mg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	69	—	—	1.45	mg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00633	0.0118	0.0694	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00639	0.00878	0.0427	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0212	0.0104	0.0505	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0094	0.00701	0.0549	—	pCi/L	Y	U	U	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00365	0.0073	0.0446	—	pCi/L	Y	U	U	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.8	—	—	1	µg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.4	—	—	1	µg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	J-	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.7	—	—	0.05	mg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.824	1	3.74	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.236	1.12	3.99	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.554	1.03	3.54	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.08	1.15	4.45	—	pCi/L	Y	U	U	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.42	2.14	4.21	—	pCi/L	Y	U	U	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.41	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.62	—	—	0.067	mg/L	Y	—	J+	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.45	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.41	—	—	0.067	mg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.51	—	—	0.067	mg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.517	1.05	4.03	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.58	1.43	5.52	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.815	1.15	4.57	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.82	0.921	4.47	—	pCi/L	Y	U	U	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.1	0.812	3.58	—	pCi/L	Y	U	U	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.304	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.486	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.348	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.239	—	—	0.033	mg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.253	—	—	0.033	mg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.151	0.667	2.79	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.716	0.759	2.73	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.174	0.563	2.8	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.46	0.804	2.14	—	pCi/L	Y	—	NQ	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.46	0.892	2.93	—	pCi/L	Y	U	U	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2	0.706	2.07	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.48	0.889	2.75	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.24	0.413	1.28	—	pCi/L	Y	—	NQ	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.87	0.913	2.46	—	pCi/L	Y	—	NQ	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.14	0.927	2.96	—	pCi/L	Y	U	U	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	47	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	53.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	47.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	50.5	—	—	0.453	mg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	54.8	—	—	0.453	mg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.05	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.76	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.86	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.19	—	—	0.11	mg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.4	—	—	0.11	mg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.78	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.97	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.93	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-56 S1	945.0	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.99	—	—	0.2	µg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.78	—	—	0.3	µg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.77	1.76	6.31	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.64	2.17	7.62	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.95	2.01	6.95	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.1	1.98	7.12	—	pCi/L	Y	U	U	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.298	1.99	6.96	—	pCi/L	Y	U	U	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.917	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.966	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.02	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.91	—	—	0.017	mg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.94	—	—	0.017	mg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.342	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.333	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.317	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.339	—	—	0.05	µg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.311	—	—	0.05	µg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0432	0.0179	0.077	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0106	0.00811	0.041	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00674	0.0108	0.039	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00887	0.00782	0.0436	—	pCi/L	Y	U	U	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0384	0.026	0.0545	—	pCi/L	Y	U	U	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00665	0.0094	0.086	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00847	0.0101	0.0398	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000187	0.00778	0.0429	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00295	0.00661	0.0623	—	pCi/L	Y	U	U	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0329	0.014	0.063	—	pCi/L	Y	U	U	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.64	—	—	0.05	mg/L	Y	—	J+	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.74	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.61	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.81	13.9	56.3	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.4	15.5	67.5	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15	15.9	50.1	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.3	14.9	54.9	—	pCi/L	Y	U	U	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-25.2	16.5	59.1	—	pCi/L	Y	U	U	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.39	0.198	0.624	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.331	0.11	0.265	—	pCi/L	Y	—	NQ	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.638	0.289	—	—	pCi/L	Y	—	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.331	0.202	—	—	pCi/L	Y	—	NQ	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.248	0.209	0.713	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.382	0.169	0.72	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.6	—	—	0.053	mg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.8	—	—	0.53	mg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.81	—	—	0.1	mg/L	Y	—	J+	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.158	0.993	3.97	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.247	0.968	3.74	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.05	0.975	3.83	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.46	1.3	5.4	—	pCi/L	Y	U	U	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.37	0.877	2.93	—	pCi/L	Y	U	U	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	140	—	—	1	uS/cm	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	131	—	—	1	uS/cm	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	147	—	—	1	uS/cm	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	173	—	—	1	uS/cm	Y	—	NQ	2018-594	CAPA-18-147570	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-56 S1	945.0	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	147	—	—	1	uS/cm	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	59.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	63.9	—	—	1	µg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.5	—	—	1	µg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.164	0.129	0.483	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0232	0.125	0.463	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0378	0.0855	0.292	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.107	0.128	0.45	—	pCi/L	Y	U	U	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.17	0.146	0.493	—	pCi/L	Y	U	U	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.16	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.32	—	—	0.133	mg/L	Y	—	J+	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.29	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.22	—	—	0.133	mg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.32	—	—	0.133	mg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	92.9	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	85.7	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0668	—	—	0.033	mg/L	Y	J	J+	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0714	—	—	0.033	mg/L	Y	J	J+	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.349	—	—	0.33	mg/L	Y	J	J	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.412	—	—	0.33	mg/L	Y	J	J	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.832	0.95	3.136	—	pCi/L	Y	U	U	N3B-2021-220	CAPA-21-209069	ARSL
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.62	0.836	2.777	—	pCi/L	Y	U	U	N3B-2020-246	CAPA-20-188558	ARSL
R-56 S1	945.0	04/18/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.561	0.814	2.776	—	pCi/L	Y	UQ	U	N3B-2019-1618	CAPA-19-171679	ARSL
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.788	0.884	2.92	—	pCi/L	Y	U*	U	N3B-2019-294	CAPA-19-163648	ARSL
R-56 S1	945.0	04/11/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.662	0.808	2.765	—	pCi/L	Y	U*	U	2018-2406	CAPA-18-151787	ARSL
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.633	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.614	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.675	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.673	—	—	0.067	µg/L	Y	—	NQ	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.675	—	—	0.067	µg/L	Y	—	NQ	2017-313	CAPA-16-126679	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.44	0.0539	0.127	—	pCi/L	Y	—	NQ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.473	0.0378	0.0629	—	pCi/L	Y	—	NQ	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.449	0.0311	0.0684	—	pCi/L	Y	—	NQ	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.587	0.0553	0.0936	—	pCi/L	Y	—	NQ	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.461	0.0367	0.166	—	pCi/L	Y	—	NQ	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0223	0.0153	0.109	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00354	0.00937	0.0448	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0124	0.00746	0.0663	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00924	0.0116	0.0999	—	pCi/L	Y	U	U	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0599	0.0153	0.0857	—	pCi/L	Y	U	U	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.237	0.0394	0.115	—	pCi/L	Y	—	NQ	N3B-2021-190	CAPA-21-209069	GELC
R-56 S1	945.0	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.212	0.025	0.0737	—	pCi/L	Y	—	NQ	N3B-2020-203	CAPA-20-188558	GELC
R-56 S1	945.0	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.213	0.0224	0.0675	—	pCi/L	Y	—	NQ	N3B-2019-262	CAPA-19-163648	GELC
R-56 S1	945.0	10/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.28	0.0388	0.0905	—	pCi/L	Y	—	NQ	2018-594	CAPA-18-147596	GELC
R-56 S1	945.0	11/01/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.299	0.0295	0.111	—	pCi/L	Y	—	J	2017-313	CAPA-16-126651	GELC
R-56 S1	945.0	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.55	—	—	1	µg/L	Y	J	J	N3B-2021-190	CAPA-21-209068	GELC
R-56 S1	945.0	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.11	—	—	1	µg/L	Y	J	J	N3B-2020-203	CAPA-20-188557	GELC
R-56 S1	945.0	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.01	—	—	1	µg/L	Y	J	J	N3B-2019-262	CAPA-19-163647	GELC
R-56 S1	945.0	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.44	—	—	1	µg/L	Y	J	J	2018-594	CAPA-18-147570	GELC
R-56 S1	945.0	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.3	—	—	1	µg/L	Y	J	J	2017-313	CAPA-16-126679	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.89	—	—	0.01	SU	Y	H	NQ	N3B-2021-190	CAPA-21-209071	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.77	—	—	0.01	SU	Y	H	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.69	—	—	0.01	SU	Y	H	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.56	—	—	0.01	SU	Y	H	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.46	—	—	0.01	SU	Y	H	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	9.55	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	8.74	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	6.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.39	—	—	1.45	mg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2	—	—	1.45	mg/L	Y	J	J	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	64.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	63	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62.1	—	—	1.45	mg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	64	—	—	1.45	mg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0487	0.0221	0.0971	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00939	0.00828	0.0627	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0156	0.00782	0.0466	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0104	0.00638	0.0456	—	pCi/L	Y	U	U	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0151	0.00654	0.0462	—	pCi/L	Y	U	U	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27	—	—	1	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.1	—	—	1	µg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	J-	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	5.09	2.94	3.71	—	pCi/L	Y	UI	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.833	1.1	4.15	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0556	0.895	3.29	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.131	1.35	4.93	—	pCi/L	Y	U	U	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.264	1.29	5.18	—	pCi/L	Y	U	U	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.48	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.81	—	—	0.067	mg/L	Y	—	J+	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	—	0.067	mg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.89	—	—	0.067	mg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.53	—	—	3	µg/L	Y	J	J	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.49	—	—	3	µg/L	Y	J	J	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.35	—	—	3	µg/L	Y	J	J	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.98	—	—	3	µg/L	Y	J	J	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.47	—	—	3	µg/L	Y	J	J	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.566	0.999	3.77	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.8	0.985	4.5	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.43	1.05	4.17	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.77	1.45	6.22	—	pCi/L	Y	U	U	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-4.8	3.2	6.29	—	pCi/L	Y	U	U	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.981	0.658	2.19	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.428	0.772	2.77	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0547	0.724	2.95	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.973	0.596	1.94	—	pCi/L	Y	U	U	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.258	0.702	2.9	—	pCi/L	Y	U	U	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.32	0.72	2.34	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.158	0.805	2.87	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.988	0.705	2.36	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.1	0.859	2.54	—	pCi/L	Y	—	NQ	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.4	0.89	2.95	—	pCi/L	Y	U	U	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.4	—	—	0.453	mg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.6	—	—	0.453	mg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.32	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.71	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.13	—	—	0.11	mg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.41	—	—	0.11	mg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.31	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.39	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.39	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.55	—	—	0.2	µg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.44	—	—	0.3	µg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.73	2.24	8.76	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.34	1.72	5.21	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.01	1.86	6.7	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.21	2.51	9.58	—	pCi/L	Y	U	U	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.97	3.22	12.1	—	pCi/L	Y	U	U	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.37	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.404	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.456	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.38	—	—	0.017	mg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.43	—	—	0.017	mg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000952	—	—	0.00047	µg/L	Y	—	NQ	N3B-2021-222	CAPA-21-209072	SwRI
R-56 S2	1046.6	10/22/2020	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-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000573	—	—	0.00047	µg/L	Y	—	NQ	N3B-2020-202	CAPA-20-188561	SwRI
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.26	—	—	3.26	µg/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	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	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.33	—	—	3.33	µg/L	Y	U	U	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	10.8	—	—	3.23	µg/L	Y	U	U	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.303	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.268	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.277	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.263	—	—	0.05	µg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.287	—	—	0.05	µg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00631	0.0209	0.146	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00569	0.0107	0.0516	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0113	0.00596	0.0391	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0096	0.00847	0.0472	—	pCi/L	Y	U	U	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0101	0.0538	—	pCi/L	Y	U	U	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0189	0.0189	0.163	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00285	0.011	0.0501	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00676	0.00812	0.043	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0256	0.012	0.0674	—	pCi/L	Y	U	U	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0108	0.00764	0.0621	—	pCi/L	Y	U	U	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.74	—	—	0.05	mg/L	Y	—	J+	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.76	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.73	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.85	—	—	0.05	mg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.6	18.2	64.1	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-21.9	14.5	56.5	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.19	13.4	48.4	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.26	20.1	77.9	—	pCi/L	Y	U	U	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	93.2	29.8	42.9	—	pCi/L	Y	UI	R	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.13	0.0864	0.288	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.149	0.108	0.367	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.355	0.189	—	—	pCi/L	Y	—	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.388	0.244	—	—	pCi/L	Y	—	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.225	0.169	0.571	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.239	0.218	0.748	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	—	0.053	mg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67	—	—	0.53	mg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	J+	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.81	—	—	0.1	mg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.27	1.16	4.23	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.55	1.22	4	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.761	0.962	3.49	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.843	1.27	4.56	—	pCi/L	Y	U	U	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.67	1.57	5.01	—	pCi/L	Y	U	U	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	122	—	—	1	uS/cm	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	114	—	—	1	uS/cm	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	133	—	—	1	uS/cm	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	149	—	—	1	uS/cm	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	130	—	—	1	uS/cm	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.8	—	—	1	µg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.6	—	—	1	µg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0666	0.14	0.485	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.322	0.115	0.481	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0978	0.141	0.488	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.103	0.129	0.453	—	pCi/L	Y	U	U	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.323	0.111	0.496	—	pCi/L	Y	U	U	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.99	—	—	0.133	mg/L	Y	—	J+	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.17	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.33	—	—	0.133	mg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.26	—	—	0.133	mg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	85.7	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	61.4	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.137	—	—	0.033	mg/L	Y	—	J+	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.35	—	—	0.33	mg/L	Y	J	J	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.367	—	—	0.33	mg/L	Y	J	J	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.713	0.906	2.999	—	pCi/L	Y	U	U	N3B-2021-220	CAPA-21-209072	ARSL
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.043	0.8	2.714	—	pCi/L	Y	U	U	N3B-2020-246	CAPA-20-188561	ARSL
R-56 S2	1046.6	04/18/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.867	0.883	3.009	—	pCi/L	Y	UQ	U	N3B-2019-1618	CAPA-19-171694	ARSL
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.221	0.817	2.783	—	pCi/L	Y	U*	U	N3B-2019-294	CAPA-19-163651	ARSL
R-56 S2	1046.6	04/11/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.066	0.737	2.505	—	pCi/L	Y	U*	U	2018-2406	CAPA-18-151788	ARSL
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.358	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.364	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.403	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.363	—	—	0.067	µg/L	Y	—	NQ	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.441	—	—	0.067	µg/L	Y	—	NQ	2017-313	CAPA-16-126680	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.241	0.0465	0.137	—	pCi/L	Y	—	NQ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.195	0.0255	0.0559	—	pCi/L	Y	—	NQ	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.344	0.063	0.291	—	pCi/L	Y	—	NQ	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.268	0.0362	0.0851	—	pCi/L	Y	—	NQ	2018-594	CAPA-18-147597	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.386	0.0341	0.165	—	pCi/L	Y	—	NQ	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00708	0.0123	0.117	—	pCi/L	Y	U	U	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00629	0.0109	0.0398	—	pCi/L	Y	U	U	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0212	0.0367	0.282	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0168	0.0135	0.0908	—	pCi/L	Y	U	U	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0632	0.0165	0.0854	—	pCi/L	Y	U	U	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.132	0.0319	0.124	—	pCi/L	Y	—	NQ	N3B-2021-190	CAPA-21-209072	GELC
R-56 S2	1046.6	10/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.145	0.0212	0.0655	—	pCi/L	Y	—	NQ	N3B-2020-203	CAPA-20-188561	GELC
R-56 S2	1046.6	10/25/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.137	0.0364	0.287	—	pCi/L	Y	U	U	N3B-2019-262	CAPA-19-163651	GELC
R-56 S2	1046.6	10/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.159	0.0279	0.0824	—	pCi/L	Y	—	NQ	2018-594	CAPA-18-147597	GELC
R-56 S2	1046.6	11/01/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.193	0.0244	0.111	—	pCi/L	Y	—	NQ	2017-313	CAPA-16-126652	GELC
R-56 S2	1046.6	10/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.45	—	—	1	µg/L	Y	—	NQ	N3B-2021-190	CAPA-21-209071	GELC
R-56 S2	1046.6	10/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.51	—	—	1	µg/L	Y	—	NQ	N3B-2020-203	CAPA-20-188560	GELC
R-56 S2	1046.6	10/25/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.21	—	—	1	µg/L	Y	J	J	N3B-2019-262	CAPA-19-163650	GELC
R-56 S2	1046.6	10/26/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.78	—	—	1	µg/L	Y	J	J	2018-594	CAPA-18-147571	GELC
R-56 S2	1046.6	11/01/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.97	—	—	1	µg/L	Y	J	J	2017-313	CAPA-16-126680	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	0.01	SU	Y	H	NQ	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	64.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	63.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	63.3	—	—	1.45	mg/L	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	65	—	—	1.45	mg/L	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.031	0.0124	0.068	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.014	0.0116	0.0562	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000193	0.00723	0.0461	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0121	0.00852	0.0528	—	pCi/L	Y	U	U	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0065	0.0065	0.0529	—	pCi/L	Y	U	U	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	15.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	15.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	15	—	—	1	µg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	14.9	—	—	1	µg/L	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	15.4	—	—	1	µg/L	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	13.4	—	—	6.09	µg/L	Y	J	J	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	U	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.25	—	—	6.25	µg/L	Y	U	U	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	21.1	—	—	6.32	µg/L	Y	U	U	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.4	—	—	15	µg/L	Y	J	J	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.6	—	—	0.05	mg/L	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.967	1.26	5.11	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.359	1.83	7.18	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.193	0.908	3.13	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.66	1.97	8.01	—	pCi/L	Y	U	U	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.593	0.937	2.85	—	pCi/L	Y	U	U	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.41	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.38	—	—	0.067	mg/L	Y	—	J+	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.27	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.33	—	—	0.067	mg/L	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	—	0.067	mg/L	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.282	1.56	6.13	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.89	1.91	6.37	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.226	0.846	3.26	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.75	1.94	7.11	—	pCi/L	Y	U	U	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.78	0.843	4.25	—	pCi/L	Y	U	U	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.412	0.47	2.52	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.698	0.665	2.86	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.645	0.741	2.79	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.1	0.795	2.71	—	pCi/L	Y	U	U	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.4	0.601	2.82	—	pCi/L	Y	U	U	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.94	0.847	2.66	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.89	0.937	2.89	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.44	0.856	2.65	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.33	0.949	2.89	—	pCi/L	Y	—	NQ	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.19	0.918	2.9	—	pCi/L	Y	U	U	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	47.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	43.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	43.3	—	—	0.453	mg/L	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.1	—	—	0.453	mg/L	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.56	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.27	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.38	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.29	—	—	0.11	mg/L	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.33	—	—	0.11	mg/L	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.36	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.51	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.42	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.46	—	—	0.2	µg/L	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.39	—	—	0.3	µg/L	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.566	2.92	10.8	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.52	2.96	8.39	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.898	1.79	6.24	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.543	3.01	10.8	—	pCi/L	Y	U	U	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.16	2.02	6.56	—	pCi/L	Y	U	U	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.912	—	—	0.6	µg/L	Y	J	J	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.984	—	—	0.6	µg/L	Y	J	J	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.21	—	—	0.5	µg/L	Y	J	J	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.538	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.606	—	—	0.017	mg/L	Y	—	J+	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.594	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.65	—	—	0.085	mg/L	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.574	—	—	0.017	mg/L	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.298	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.327	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.306	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.334	—	—	0.05	µg/L	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.317	—	—	0.05	µg/L	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00514	0.00961	0.0595	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0166	0.0179	0.0603	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0205	0.00915	0.0355	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00766	0.0664	—	pCi/L	Y	U	U	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00415	0.00776	0.0412	—	pCi/L	Y	U	U	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0128	0.0118	0.0664	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00665	0.0115	0.0586	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0123	0.00914	0.039	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00383	0.00856	0.0861	—	pCi/L	Y	U	U	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0187	0.0095	0.0476	—	pCi/L	Y	U	U	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	J+	N3B-2019-196	CAPA-19-163654	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-57 S1	910.0	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.41	—	—	0.05	mg/L	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	33.5	22.8	54.6	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.75	21.1	87	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16.8	14.2	44.1	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-30.4	20.1	79.1	—	pCi/L	Y	U	U	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.1	13.4	44.1	—	pCi/L	Y	U	U	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.477	0.133	0.286	—	pCi/L	Y	—	NQ	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.248	0.163	0.543	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/21/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	-0.0203	0.073	0.31	—	pCi/L	Y	U	U	12-157	CAPA-12-1215	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.477	0.234	—	—	pCi/L	Y	—	NQ	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.503	0.236	—	—	pCi/L	Y	—	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.227	0.192	0.736	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.255	0.172	0.575	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/21/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.469	0.19	0.84	—	pCi/L	Y	U	U	12-157	CAPA-12-1215	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.7	—	—	0.053	mg/L	Y	E	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.3	—	—	0.053	mg/L	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.5	—	—	0.053	mg/L	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.17	1.32	5.92	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.526	1.67	6.89	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.54	0.91	2.88	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.606	1.85	7.43	—	pCi/L	Y	U	U	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.653	1	3.67	—	pCi/L	Y	U	U	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	136	—	—	1	uS/cm	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	119	—	—	1	uS/cm	Y	—	NQ	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	138	—	—	1	uS/cm	Y	—	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	466	—	—	1	uS/cm	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	137	—	—	1	uS/cm	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.6	—	—	1	µg/L	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.1	—	—	1	µg/L	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.258	0.149	0.489	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0195	0.132	0.495	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.417	0.153	0.496	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0699	0.119	0.43	—	pCi/L	Y	U	U	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0712	0.126	0.476	—	pCi/L	Y	U	U	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.71	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.84	—	—	0.133	mg/L	Y	—	J+	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.93	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.96	—	—	0.133	mg/L	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.96	—	—	0.133	mg/L	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	J+	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	106	—	—	3.4	mg/L	Y	—	NQ	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	H	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0695	—	—	0.033	mg/L	Y	J	J+	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.367	—	—	0.33	mg/L	Y	J	J	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.507	—	—	0.33	mg/L	Y	J	J	N3B-2020-148	CAPA-20-188565	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.53	—	—	0.33	mg/L	Y	J	J	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.426	—	—	0.33	mg/L	Y	J	J	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0502	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0307	—	—	0.02	mg/L	Y	J	U	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0724	—	—	0.02	mg/L	Y	—	U	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0615	—	—	0.02	mg/L	Y	—	NQ	2017-225	CAPA-16-126681	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	15.132	2.504	2.843	—	pCi/L	Y	—	NQ	N3B-2021-219	CAPA-21-209075	ARSL
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.137	0.972	2.979	—	pCi/L	Y	U	U	N3B-2020-188	CAPA-20-188565	ARSL
R-57 S1	910.0	04/11/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.088	0.864	2.93	—	pCi/L	Y	U*	U	N3B-2019-1365	CAPA-19-171696	ARSL
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.445	0.835	2.812	—	pCi/L	Y	U	U	N3B-2019-244	CAPA-19-163655	ARSL
R-57 S1	910.0	04/06/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.087	0.648	2.2	—	pCi/L	Y	U*	U	2018-2406	CAPA-18-151789	ARSL
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.213	0.0368	0.114	—	pCi/L	Y	—	NQ	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.173	0.0296	0.0821	—	pCi/L	Y	—	NQ	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.193	0.0359	0.152	—	pCi/L	Y	—	J	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.262	0.0294	0.0596	—	pCi/L	Y	—	NQ	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.272	0.0235	0.111	—	pCi/L	Y	—	NQ	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0067	0.0101	0.0983	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0000523	0.0087	0.0592	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0551	0.0206	0.148	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0313	0.0144	0.0634	—	pCi/L	Y	U	U	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0423	0.0105	0.0573	—	pCi/L	Y	U	U	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0976	0.0247	0.104	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209075	GELC
R-57 S1	910.0	10/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.14	0.0248	0.096	—	pCi/L	Y	—	NQ	N3B-2020-148	CAPA-20-188565	GELC
R-57 S1	910.0	10/19/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.117	0.0272	0.15	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163655	GELC
R-57 S1	910.0	10/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.121	0.0209	0.0576	—	pCi/L	Y	—	NQ	2018-545	CAPA-18-147598	GELC
R-57 S1	910.0	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.164	0.0188	0.0742	—	pCi/L	Y	—	NQ	2017-225	CAPA-16-126653	GELC
R-57 S1	910.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.55	—	—	1	µg/L	Y	J	J	N3B-2021-118	CAPA-21-209074	GELC
R-57 S1	910.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	Y	13.6	—	—	3.3	µg/L	Y	J	J	N3B-2020-148	CAPA-20-188564	GELC
R-57 S1	910.0	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.71	—	—	1	µg/L	Y	J	J	N3B-2019-196	CAPA-19-163654	GELC
R-57 S1	910.0	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.35	—	—	1	µg/L	Y	J	J	2018-545	CAPA-18-147572	GELC
R-57 S1	910.0	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.49	—	—	1	µg/L	Y	J	J	2017-225	CAPA-16-126681	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	NQ	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	60.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	60.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	62.7	—	—	1.45	mg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	CO3+HCO3	Y	60	—	—	1.45	mg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00462	0.00923	0.0507	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00000000186	0.00774	0.0448	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0159	0.00809	0.0422	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00216	0.00648	0.0379	—	pCi/L	Y	U	U	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0042	0.00728	0.0514	—	pCi/L	Y	U	U	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	18.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	16.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	16.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	16.6	—	—	1	µg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	17.1	—	—	1	µg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	14.5	—	—	6.01	µg/L	Y	J	J	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	13	—	—	6.35	µg/L	Y	J	J	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.25	—	—	6.25	µg/L	Y	U	U	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.32	—	—	6.32	µg/L	Y	U	U	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	21.1	—	—	6.32	µg/L	Y	U	U	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16	—	—	15	µg/L	Y	J	J	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-545	CAPA-18-147573	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-57 S2	971.5	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.83	1.34	5.76	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.03	1.58	6.33	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.557	1.12	3.69	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.59	1.17	3.82	—	pCi/L	Y	U	U	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.187	1.1	3.87	—	pCi/L	Y	U	U	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.06	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.27	—	—	0.067	mg/L	Y	—	J+	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.14	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	0.067	mg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	0.067	mg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.87	—	—	3	µg/L	Y	J	J	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.32	—	—	3	µg/L	Y	J	J	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.22	—	—	3	µg/L	Y	J	J	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	10	—	—	3	µg/L	Y	U	U	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.968	1.23	4.5	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.58	1.29	4.92	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.369	0.875	3.57	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.06	1.2	5.42	—	pCi/L	Y	U	U	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.57	0.777	3.73	—	pCi/L	Y	U	U	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.582	0.257	2.17	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.358	0.797	2.93	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0635	0.682	2.94	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.22	0.847	2.86	—	pCi/L	Y	U	U	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.456	0.683	2.88	—	pCi/L	Y	U	U	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.31	0.774	2.54	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.55	0.962	2.92	—	pCi/L	Y	—	NQ	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.49	0.702	2.27	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.78	0.788	2.52	—	pCi/L	Y	U	U	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.18	0.806	2.91	—	pCi/L	Y	U	U	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	43.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.2	—	—	0.453	mg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	43.7	—	—	0.453	mg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.4	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.06	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.19	—	—	0.11	mg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.2	—	—	0.11	mg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.31	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.35	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.26	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.24	—	—	0.2	µg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.26	—	—	0.3	µg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.66	2.35	9.16	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.239	2.17	8.06	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.11	2.13	7.39	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.805	2.24	8.34	—	pCi/L	Y	U	U	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.48	2.09	7.27	—	pCi/L	Y	U	U	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.31	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.74	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	3.13	—	—	3	µg/L	Y	J	J	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	4.51	—	—	0.6	µg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	3.14	—	—	0.5	µg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.469	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-57 S2	971.5	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.533	—	—	0.017	mg/L	Y	—	J+	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.54	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.468	—	—	0.017	mg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.524	—	—	0.017	mg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.304	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.333	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.313	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.31	—	—	0.05	µg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.298	—	—	0.05	µg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.019	0.0101	0.0489	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00278	0.01	0.0504	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0295	0.0164	0.0569	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0429	0.0165	0.0572	—	pCi/L	Y	U	U	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0104	0.00689	0.0413	—	pCi/L	Y	U	U	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0108	0.0546	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00278	0.015	0.0489	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0197	0.0167	0.0626	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0297	0.0195	0.0742	—	pCi/L	Y	U	U	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0083	0.00777	0.0477	—	pCi/L	Y	U	U	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.63	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	J+	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	60.2	20.3	55.2	—	pCi/L	Y	UI	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16.2	18	71.6	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.2	15.7	50.4	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.84	17.6	69.7	—	pCi/L	Y	U	U	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.4	14.7	50	—	pCi/L	Y	U	U	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.35	0.217	0.253	—	pCi/L	Y	—	NQ	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.084	0.084	0.31	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/21/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.109	0.1	0.35	—	pCi/L	Y	U	U	12-157	CAPA-12-1218	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.45	0.269	—	—	pCi/L	Y	—	NQ	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.327	0.267	—	—	pCi/L	Y	—	U	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0987	0.159	0.57	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.243	0.253	0.871	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/21/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.354	0.16	0.48	—	pCi/L	Y	U	U	12-157	CAPA-12-1218	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.1	—	—	0.053	mg/L	Y	E	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.3	—	—	0.053	mg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.1	—	—	0.053	mg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.62	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.91	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.35	1.16	4.57	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.692	1.06	4.02	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.73	0.985	3.27	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.159	1.13	4.75	—	pCi/L	Y	U	U	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.617	1.08	3.87	—	pCi/L	Y	U	U	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	127	—	—	1	uS/cm	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	118	—	—	1	uS/cm	Y	—	NQ	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	135	—	—	1	uS/cm	Y	—	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	161	—	—	1	uS/cm	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	C	Y	134	—	—	1	uS/cm	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	58	—	—	1	µg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.2	—	—	1	µg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.5	—	—	1	µg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC

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

Location ID	Screen Depth (ft)	Sample Date	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-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.168	0.145	0.489	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.11	0.128	0.491	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.134	0.126	0.426	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.301	0.14	0.444	—	pCi/L	Y	U	U	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0499	0.124	0.473	—	pCi/L	Y	U	U	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.38	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.52	—	—	0.133	mg/L	Y	—	J+	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.53	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.6	—	—	0.133	mg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.56	—	—	0.133	mg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	J+	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	284	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	H	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.465	—	—	0.33	mg/L	Y	J	J	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.534	—	—	0.33	mg/L	Y	J	J	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.419	—	—	0.33	mg/L	Y	J	J	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0318	—	—	0.02	mg/L	Y	J	J	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0239	—	—	0.02	mg/L	Y	J	J	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0716	—	—	0.02	mg/L	Y	—	U	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.07	—	—	0.02	mg/L	Y	—	NQ	2017-225	CAPA-16-126682	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	3.095	1.132	3.325	—	pCi/L	Y	U	UJ	N3B-2021-219	CAPA-21-209079	ARSL
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.632	0.953	3.022	—	pCi/L	Y	U	U	N3B-2020-188	CAPA-20-188568	ARSL
R-57 S2	971.5	04/11/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.436	0.935	3.168	—	pCi/L	Y	U*	U	N3B-2019-1365	CAPA-19-171698	ARSL
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.449	0.856	2.913	—	pCi/L	Y	U	U	N3B-2019-244	CAPA-19-163658	ARSL
R-57 S2	971.5	04/06/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.471	0.768	2.566	—	pCi/L	Y	U*	U	2018-2406	CAPA-18-151790	ARSL
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.232	0.0394	0.128	—	pCi/L	Y	—	NQ	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.185	0.0358	0.116	—	pCi/L	Y	—	NQ	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.254	0.0434	0.179	—	pCi/L	Y	—	NQ	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.253	0.0286	0.0615	—	pCi/L	Y	—	NQ	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.321	0.0258	0.115	—	pCi/L	Y	—	NQ	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0187	0.0159	0.11	—	pCi/L	Y	U	U	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0147	0.0133	0.0835	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0179	0.0179	0.174	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0323	0.013	0.0655	—	pCi/L	Y	U	U	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0416	0.0112	0.0596	—	pCi/L	Y	U	U	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.127	0.0286	0.116	—	pCi/L	Y	—	NQ	N3B-2021-118	CAPA-21-209079	GELC
R-57 S2	971.5	10/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.125	0.0291	0.135	—	pCi/L	Y	U	U	N3B-2020-148	CAPA-20-188568	GELC
R-57 S2	971.5	10/19/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.164	0.0353	0.177	—	pCi/L	Y	U	U	N3B-2019-196	CAPA-19-163658	GELC
R-57 S2	971.5	10/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.11	0.0193	0.0595	—	pCi/L	Y	—	NQ	2018-545	CAPA-18-147599	GELC
R-57 S2	971.5	10/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.147	0.0179	0.0772	—	pCi/L	Y	—	NQ	2017-225	CAPA-16-126654	GELC
R-57 S2	971.5	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.73	—	—	1	µg/L	Y	J	J	N3B-2021-118	CAPA-21-209078	GELC
R-57 S2	971.5	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	Y	12.7	—	—	3.3	µg/L	Y	J	J	N3B-2020-148	CAPA-20-188567	GELC
R-57 S2	971.5	10/19/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.76	—	—	1	µg/L	Y	J	J	N3B-2019-196	CAPA-19-163657	GELC
R-57 S2	971.5	10/20/2017	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.61	—	—	1	µg/L	Y	J	J	2018-545	CAPA-18-147573	GELC
R-57 S2	971.5	10/24/2016	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.44	—	—	1	µg/L	Y	J	J	2017-225	CAPA-16-126682	GELC

Appendix D

Groundwater Results Greater Than Half of Screening Values

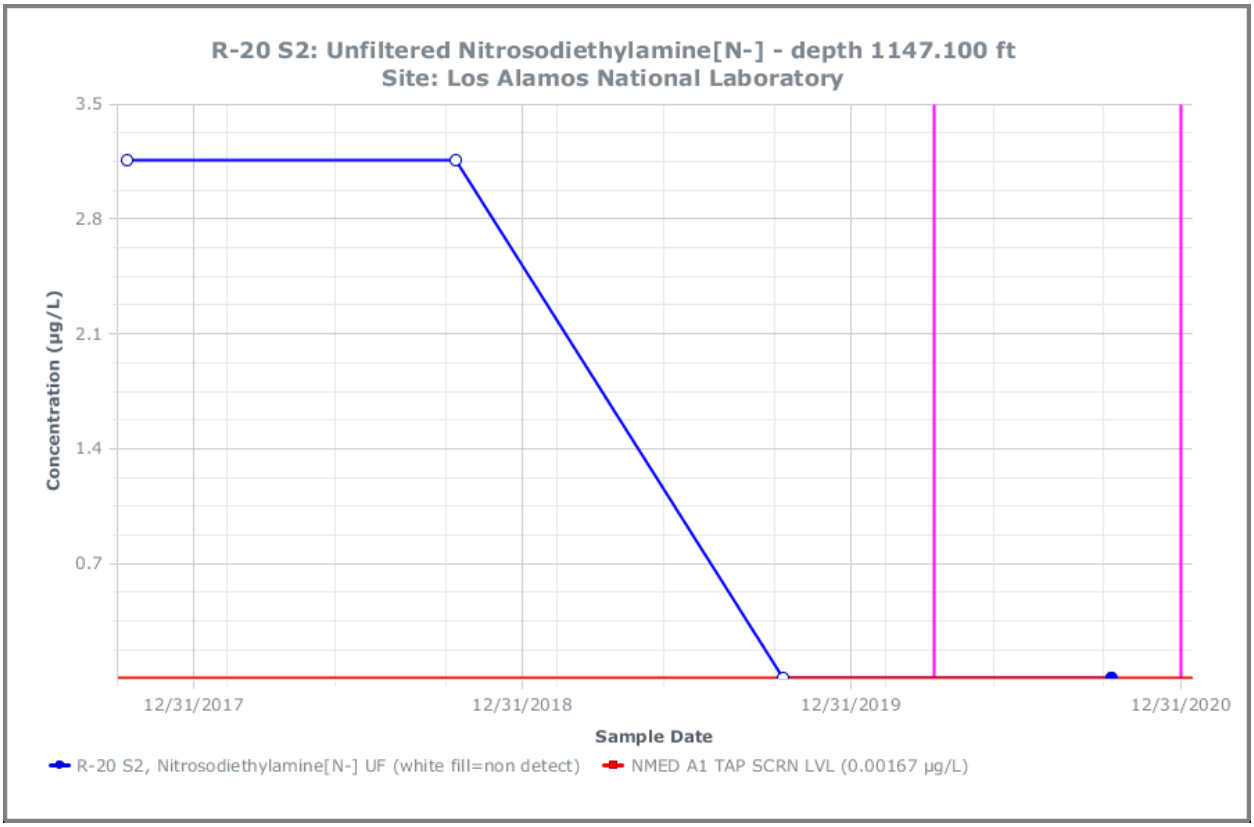
Location	Aquifer	Depth (ft)	Date	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	MDL	Report Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Code	Best Value	Lab	Action Limit	Reporting Level Code	Result per Screening Level
R-23i S1	Intermediate	400.3	10/20/2020	UF[a]	INIT[b]	REG[c]	SVOC[d]	SW-846:8270E_SIM[e]	Dioxane[1,4-]	123-91-1	Y[f]	2.59	0.100	µg/L	1.00	—[g]	NQ[h]	NQ	Y	GELC[i]	4.59	NMED A1 TAP SCRN LVL[j]	0.56
R-37 S1	Intermediate	929.3	09/25/2020	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	4.03	2.96	µg/L	1.00	J	J	J_LAB[k]	Y	GELC	4.59	NMED A1 TAP SCRN LVL	0.88
R-37 S1	Intermediate	929.3	10/19/2020	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	5.41	0.100	µg/L	1.00	—	NQ	NQ	Y	GELC	4.59	NMED A1 TAP SCRN LVL	1.18
R-20 S2	Regional	1147.1	10/15/2020	UF	INIT	REG	HRGC/HRMS[l]	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	Y	0.00761	0.18	µg/L	1	—	J	HE1a[m]	Y	SwRI[n]	0.00167	NMED A1 TAP SCRN LVL	4.56
R-20 S2	Regional	1147.1	10/15/2020	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.0153	0.36	µg/L	1	—	J	HE1a	Y	SwRI	0.00491	NMED A1 TAP SCRN LVL	3.12
R-21	Regional	888.8	10/30/2020	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.71	—	pCi/L	1.00	—	NQ	NQ,R33[o]	Y	GELC	5	NM GW STD[p]	0.54
R-32 S1	Regional	867.5	10/13/2020	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.00391	0.36	µg/L	1	—	J	HE1a	Y	SwRI	0.00491	NMED A1 TAP SCRN LVL	0.80
R-39	Regional	859.0	10/21/2020	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	3.08	0.307	µg/L	1.00	—	J+	SV3b[q]	Y	GELC	6	EPA MCL[r]	0.51
R-55 S2	Regional	994.4	10/14/2020	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.0134	0.36	µg/L	1	—	J	HE1a	Y	SwRI	0.00491	NMED A1 TAP SCRN LVL	2.73

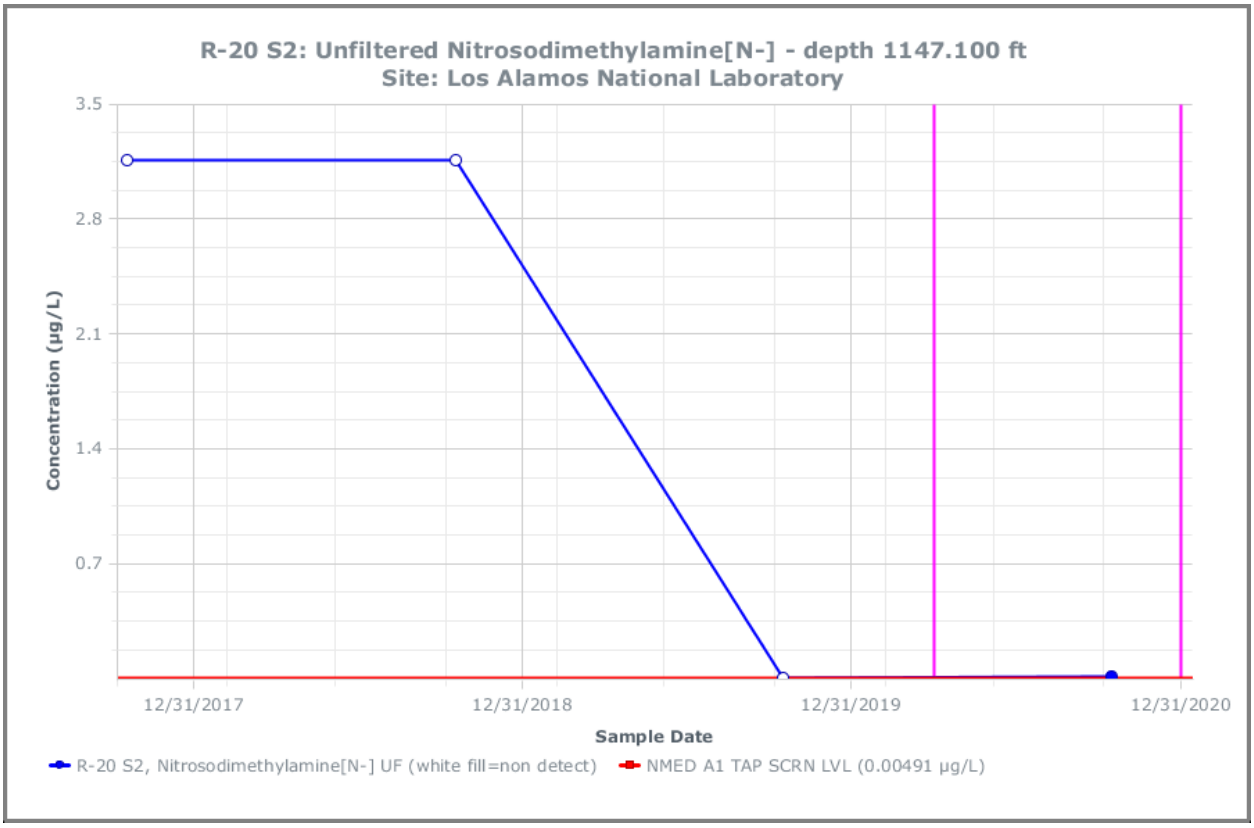
[a] UF = Unfiltered.
[b] INIT = Initial analysis.
[c] REG = Regular sample.
[d] SVOC = Semivolatile organic compound.
[e] SIM = Selected ion monitoring.
[f] Y = Yes.
[g] — = Not applicable.
[h] NQ = Not qualified.
[i] GELC = GEL Laboratories, LLC, Division of the GEL Group, Inc., Charleston, SC.
[j] NMED A1 TAP SCRN LVL = New Mexico Environment Department screening level for tap water.
[k] J_LAB = The analytical laboratory qualified the detected result as estimated (J) because the result was less than the practical quantitation limit but greater than the method detection limit.
[l] HRGC/HRMS = High-resolution gas chromatography/high-resolution mass spectrometry.
[m] HE1a = The quantitating internal standard area count is less than 25% of the expected value, which indicates increased potential for false negative results and other possible problems with sample quantitation.
[n] SwRI = Southwest Research Institute, San Antonio, TX.
[o] R33 = Naturally occurring radionuclide.
[p] NM GW STD = New Mexico Water Quality Control Commission groundwater standard.
[q] SV3b = The surrogate percent recovery value is greater than the upper acceptance limit.
[r] EPA MCL = United States Environmental Protection Agency maximum contaminant level.

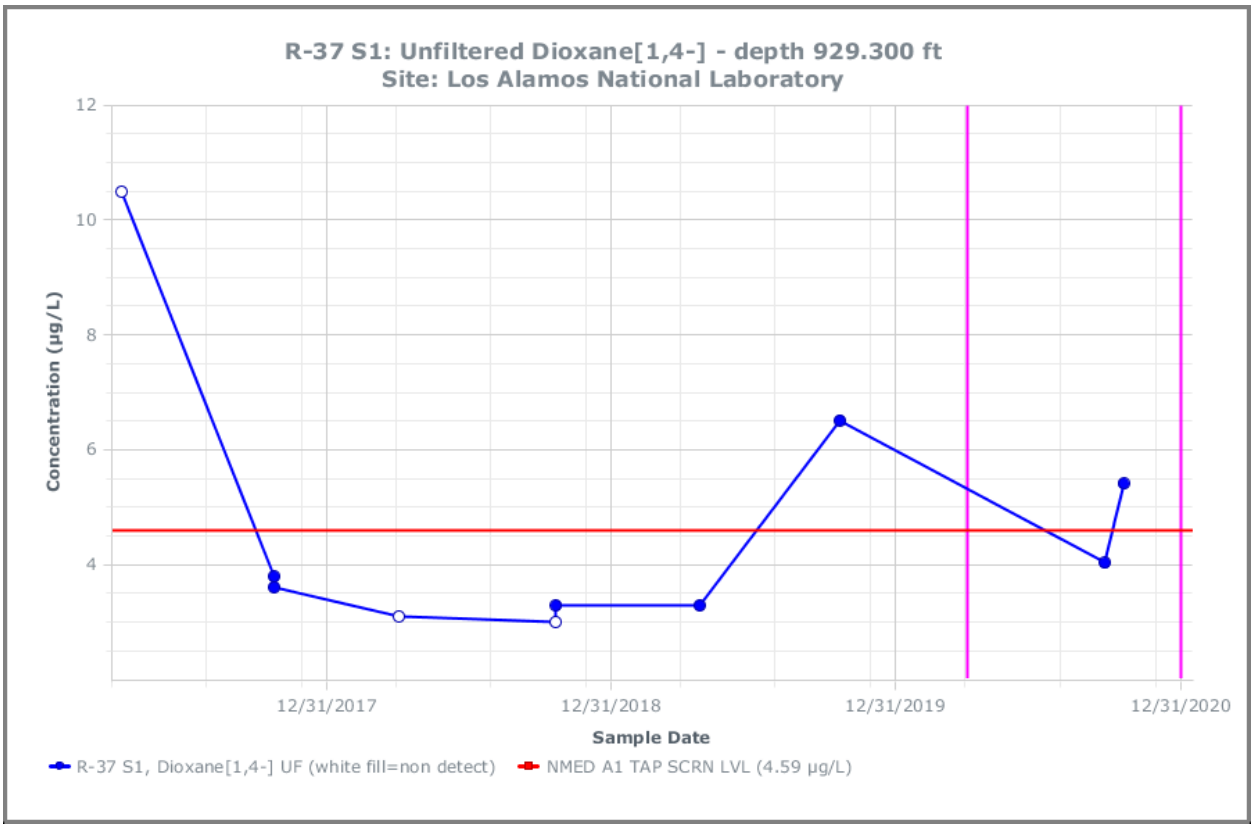
Appendix E

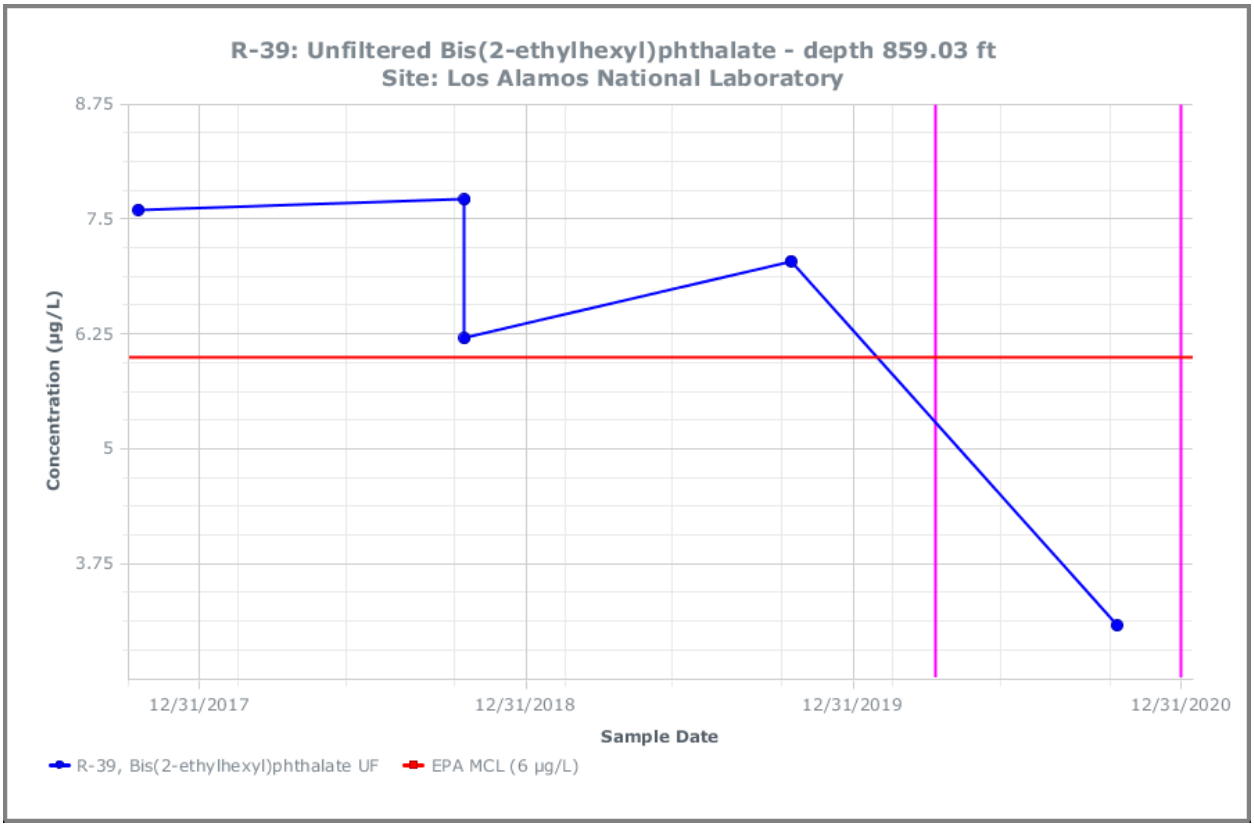
Analytical Chemistry Graphs of Results with Screening-Value Exceedances

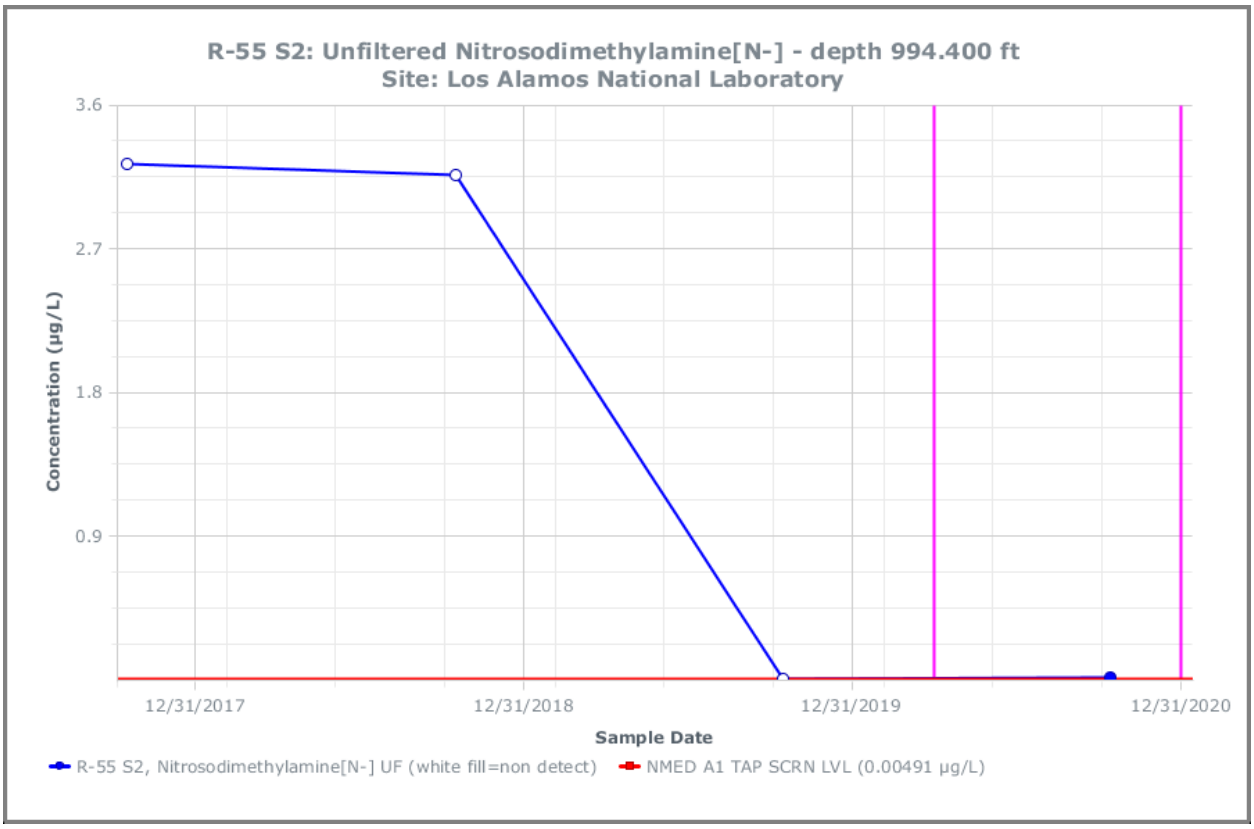
Note: The magenta vertical lines represent the period being reported in this periodic monitoring report.






R-37 S1: Unfiltered Dioxane[1,4-] - depth 929.300 ft
Site: Los Alamos National Laboratory
Concentration (µg/L)
12
10
8
6
4
12/31/2017
12/31/2018
12/31/2019
12/31/2020
Sample Date
R-37 S1, Dioxane[1,4-] UF (white fill=non detect)
NMED A1 TAP SCRN LVL (4.59 µg/L)


R-39: Unfiltered Bis(2-ethylhexyl)phthalate - depth 859.03 ft
Site: Los Alamos National Laboratory
Concentration (µg/L)
8.75
7.5
6.25
5
3.75
12/31/2017
12/31/2018
12/31/2019
12/31/2020
Sample Date
R-39, Bis(2-ethylhexyl)phthalate UF
EPA MCL (6 µg/L)


R-55 S2: Unfiltered Nitrosodimethylamine[N-] - depth 994.400 ft
Site: Los Alamos National Laboratory
3.6
2.7
1.8
0.9
Concentration (µg/L)
12/31/2017
12/31/2018
12/31/2019
12/31/2020
Sample Date
R-55 S2, Nitrosodimethylamine[N-] UF (white fill=non detect)
NMED A1 TAP SCRN LVL (0.00491 µg/L)

Appendix F

Analytical Reports
(on CD included with this document)

CD Table of Contents

Chain of Custody Number	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2020-1762	Inorganic	GELC[a]	CAMO-20-206499	09/14/2020	R-37 S2[b]	1026.0	1046.6
N3B-2020-1762	Organic	GELC	CAMO-20-206499	09/14/2020	R-37 S2	1026.0	1046.6
N3B-2020-1808	Inorganic	GELC	CAMO-20-206503	09/15/2020	R-38	821.2	831.2
N3B-2020-1808	Inorganic	GELC	CAMO-20-206501	09/15/2020	R-38	821.2	831.2
N3B-2020-1808	Inorganic	GELC	CAPA-20-206493	09/15/2020	R-41 S2	965.3	975.0
N3B-2020-1808	Organic	GELC	CAMO-20-206501	09/15/2020	R-38	821.2	831.2
N3B-2020-1808	Organic	GELC	CAMO-20-206503	09/15/2020	R-38	821.2	831.2
N3B-2020-1808	Organic	GELC	CAPA-20-206493	09/15/2020	R-41 S2	965.3	975.0
N3B-2020-1847	Inorganic	GELC	CAPA-20-206487	09/21/2020	R-32 S1[c]	867.5	875.2
N3B-2020-1847	Organic	GELC	CAPA-20-206487	09/21/2020	R-32 S1	867.500	875.200
N3B-2020-1882	Inorganic	GELC	CAPA-20-206483	09/23/2020	R-40 S1	751.59	785.06
N3B-2020-1882	Inorganic	GELC	CAPA-20-206482	09/23/2020	R-40 S1	751.59	785.06
N3B-2020-1882	Inorganic	GELC	CAPA-20-206491	09/23/2020	R-40 S2	849.27	870.0
N3B-2020-1882	Organic	GELC	CAPA-20-206483	09/23/2020	R-40 S1	751.59	785.06
N3B-2020-1882	Organic	GELC	CAPA-20-206491	09/23/2020	R-40 S2	849.27	870.0
N3B-2020-1896	Inorganic	GELC	CAPA-20-206476	09/24/2020	R-23i S1	400.3	420.0
N3B-2020-1896	Inorganic	GELC	CAPA-20-206478	09/24/2020	R-23i S2	470.2	480.1
N3B-2020-1896	Inorganic	GELC	CAPA-20-206489	09/24/2020	R-39	859.03	869.03
N3B-2020-1896	Organic	GELC	CAPA-20-206476	09/24/2020	R-23i S1	400.3	420.0
N3B-2020-1896	Organic	GELC	CAPA-20-206478	09/24/2020	R-23i S2	470.2	480.1
N3B-2020-1896	Organic	GELC	CAPA-20-206489	09/24/2020	R-39	859.03	869.03
N3B-2020-1906	Inorganic	GELC	CAPA-20-206485	09/25/2020	R-23	816.0	873.2
N3B-2020-1906	Inorganic	GELC	CAPA-20-206495	09/25/2020	R-23	816.0	873.2
N3B-2020-1906	Inorganic	GELC	CAMO-20-206497	09/25/2020	R-37 S1	929.3	950.0
N3B-2020-1906	Organic	GELC	CAPA-20-206495	09/25/2020	R-23	816.0	873.2
N3B-2020-1906	Organic	GELC	CAPA-20-206485	09/25/2020	R-23	816.0	873.2
N3B-2020-1906	Organic	GELC	CAMO-20-206497	09/25/2020	R-37 S1	929.3	950.0
N3B-2021-111	Inorganic	GELC	CAPA-21-208960	10/15/2020	R-20 S2	1147.1	1154.7
N3B-2021-111	Inorganic	GELC	CAPA-21-208959	10/15/2020	R-20 S2	1147.1	1154.7
N3B-2021-111	Inorganic	GELC	CAMO-21-208974	10/15/2020	R-37 S2	1026.0	1046.6
N3B-2021-111	Inorganic	GELC	CAMO-21-208973	10/15/2020	R-37 S2	1026.0	1046.6
N3B-2021-111	Inorganic	GELC	CAPA-21-208985	10/15/2020	R-41 S2	965.3	975.0
N3B-2021-111	Inorganic	GELC	CAPA-21-208988	10/15/2020	R-41 S2	965.3	975.0
N3B-2021-111	Inorganic	GELC	CAPA-21-208987	10/15/2020	R-41 S2	965.3	975.0
N3B-2021-111	Inorganic	GELC	CAPA-21-208986	10/15/2020	R-41 S2	965.3	975.0
N3B-2021-111	Organic	GELC	CAPA-21-208960	10/15/2020	R-20 S2	1147.1	1154.7
N3B-2021-111	Organic	GELC	CAMO-21-208974	10/15/2020	R-37 S2	1026.0	1046.6
N3B-2021-111	Organic	GELC	CAPA-21-208986	10/15/2020	R-41 S2	965.3	975.0

Chain of Custody Number	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2021-111	Organic	GELC	CAPA-21-208988	10/15/2020	R-41 S2	965.3	975.0
N3B-2021-111	Rad[d]	GELC	CAPA-21-208960	10/15/2020	R-20 S2	1147.1	1154.7
N3B-2021-111	Rad	GELC	CAMO-21-208974	10/15/2020	R-37 S2	1026.0	1046.6
N3B-2021-111	Rad	GELC	CAPA-21-208986	10/15/2020	R-41 S2	965.3	975.0
N3B-2021-111	Rad	GELC	CAPA-21-208988	10/15/2020	R-41 S2	965.3	975.0
N3B-2021-118	Inorganic	GELC	CAMO-21-209576	10/16/2020	R-55i	510.0	531.1
N3B-2021-118	Inorganic	GELC	CAPA-21-209074	10/16/2020	R-57 S1	910.0	930.5
N3B-2021-118	Inorganic	GELC	CAPA-21-209075	10/16/2020	R-57 S1	910.0	930.5
N3B-2021-118	Inorganic	GELC	CAPA-21-209078	10/16/2020	R-57 S2	971.5	992.1
N3B-2021-118	Inorganic	GELC	CAPA-21-209079	10/16/2020	R-57 S2	971.5	992.1
N3B-2021-118	Organic	GELC	CAMO-21-209576	10/16/2020	R-55i	510.0	531.1
N3B-2021-118	Organic	GELC	CAPA-21-209075	10/16/2020	R-57 S1	910.0	930.5
N3B-2021-118	Organic	GELC	CAPA-21-209079	10/16/2020	R-57 S2	971.5	992.1
N3B-2021-118	Rad	GELC	CAPA-21-209075	10/16/2020	R-57 S1	910.0	930.5
N3B-2021-118	Rad	GELC	CAPA-21-209079	10/16/2020	R-57 S2	971.5	992.1
N3B-2021-120	Inorganic	CFA[e]	CAPA-21-209075	10/16/2020	R-57 S1	910.0	930.5
N3B-2021-120	Inorganic	CFA	CAPA-21-209079	10/16/2020	R-57 S2	971.5	992.1
N3B-2021-120	Organic	CFA	CAPA-21-209075	10/16/2020	R-57 S1	910.0	930.5
N3B-2021-120	Organic	CFA	CAPA-21-209079	10/16/2020	R-57 S2	971.5	992.1
N3B-2021-121	Organic	SWRI[f]	CAPA-21-208960	10/15/2020	R-20 S2	1147.1	1154.7
N3B-2021-121	Organic	SwRI	CAMO-21-208974	10/15/2020	R-37 S2	1026.0	1046.6
N3B-2021-121	Organic	SwRI	CAPA-21-208986	10/15/2020	R-41 S2	965.3	975.0
N3B-2021-121	Organic	SwRI	CAPA-21-208988	10/15/2020	R-41 S2	965.3	975.0
N3B-2021-121	Organic	SwRI	CAPA-21-209075	10/16/2020	R-57 S1	910.0	930.5
N3B-2021-121	Organic	SwRI	CAPA-21-209079	10/16/2020	R-57 S2	971.5	992.1
N3B-2021-130	Inorganic	GELC	CAMO-21-208948	10/19/2020	R-37 S1	929.3	950.0
N3B-2021-130	Inorganic	GELC	CAMO-21-208949	10/19/2020	R-37 S1	929.3	950.0
N3B-2021-130	Inorganic	GELC	CAPA-21-209052	10/19/2020	R-54 S1	830.0	840.0
N3B-2021-130	Inorganic	GELC	CAPA-21-209055	10/19/2020	R-54 S2	915.0	925.0
N3B-2021-130	Inorganic	GELC	CAPA-21-209054	10/19/2020	R-54 S2	915.0	925.0
N3B-2021-130	Organic	GELC	CAMO-21-208949	10/19/2020	R-37 S1	929.3	950.0
N3B-2021-130	Organic	GELC	CAPA-21-209052	10/19/2020	R-54 S1	830.0	840.0
N3B-2021-130	Organic	GELC	CAPA-21-209055	10/19/2020	R-54 S2	915.0	925.0
N3B-2021-130	Rad	GELC	CAMO-21-208949	10/19/2020	R-37 S1	929.3	950.0
N3B-2021-130	Rad	GELC	CAPA-21-209055	10/19/2020	R-54 S2	915.0	925.0
N3B-2021-131	Organic	SwRI	CAMO-21-208949	10/19/2020	R-37 S1	929.3	950.0
N3B-2021-131	Organic	SwRI	CAPA-21-209055	10/19/2020	R-54 S2	915.0	925.0
N3B-2021-145	Inorganic	GELC	CAPA-21-208922	10/20/2020	R-23i S1	400.3	420.0
N3B-2021-145	Inorganic	GELC	CAPA-21-208923	10/20/2020	R-23i S1	400.3	420.0

Chain of Custody Number	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2021-145	Inorganic	GELC	CAPA-21-208941	10/20/2020	R-23i S2	470.2	480.1
N3B-2021-145	Inorganic	GELC	CAPA-21-209290	10/20/2020	R-23i S2	470.2	480.1
N3B-2021-145	Organic	GELC	CAPA-21-208923	10/20/2020	R-23i S1	400.3	420.0
N3B-2021-145	Organic	GELC	CAPA-21-209290	10/20/2020	R-23i S2	470.2	480.1
N3B-2021-145	Rad	GELC	CAPA-21-208923	10/20/2020	R-23i S1	400.3	420.0
N3B-2021-145	Rad	GELC	CAPA-21-209290	10/20/2020	R-23i S2	470.2	480.1
N3B-2021-153	Organic	SwRI	CAPA-21-208923	10/20/2020	R-23i S1	400.3	420.0
N3B-2021-153	Organic	SwRI	CAPA-21-209290	10/20/2020	R-23i S2	470.2	480.1
N3B-2021-176	Inorganic	GELC	CAPA-21-208957	10/21/2020	R-20 S1	904.6	912.2
N3B-2021-176	Inorganic	GELC	CAPA-21-208956	10/21/2020	R-20 S1	904.6	912.2
N3B-2021-176	Inorganic	GELC	CAPA-21-208968	10/21/2020	R-23	816.0	873.2
N3B-2021-176	Inorganic	GELC	CAPA-21-208967	10/21/2020	R-23	816.0	873.2
N3B-2021-176	Inorganic	GELC	CAPA-21-208981	10/21/2020	R-39	859.03	869.03
N3B-2021-176	Inorganic	GELC	CAPA-21-208982	10/21/2020	R-39	859.03	869.03
N3B-2021-176	Organic	GELC	CAPA-21-208957	10/21/2020	R-20 S1	904.6	912.2
N3B-2021-176	Organic	GELC	CAPA-21-208968	10/21/2020	R-23	816.0	873.2
N3B-2021-176	Organic	GELC	CAPA-21-208982	10/21/2020	R-39	859.03	869.03
N3B-2021-176	Rad	GELC	CAPA-21-208957	10/21/2020	R-20 S1	904.6	912.2
N3B-2021-176	Rad	GELC	CAPA-21-208968	10/21/2020	R-23	816.0	873.2
N3B-2021-176	Rad	GELC	CAPA-21-208982	10/21/2020	R-39	859.03	869.03
N3B-2021-178	Organic	SwRI	CAPA-21-208957	10/21/2020	R-20 S1	904.600	912.200
N3B-2021-178	Organic	SwRI	CAPA-21-208968	10/21/2020	R-23	816.000	873.200
N3B-2021-178	Organic	SwRI	CAPA-21-208982	10/21/2020	R-39	859.03	869.03
N3B-2021-190	Inorganic	GELC	CAPA-21-208953	10/22/2020	R-40 S1	751.59	785.06
N3B-2021-190	Inorganic	GELC	CAPA-21-208954	10/22/2020	R-40 S1	751.59	785.06
N3B-2021-190	Inorganic	GELC	CAPA-21-208873	10/22/2020	R-40 S2	849.27	870.0
N3B-2021-190	Inorganic	GELC	CAPA-21-208872	10/22/2020	R-40 S2	849.27	870.0
N3B-2021-190	Inorganic	GELC	CAPA-21-209069	10/22/2020	R-56 S1	945.0	965.6
N3B-2021-190	Inorganic	GELC	CAPA-21-209068	10/22/2020	R-56 S1	945.0	965.6
N3B-2021-190	Inorganic	GELC	CAPA-21-209072	10/22/2020	R-56 S2	1046.6	1067.1
N3B-2021-190	Inorganic	GELC	CAPA-21-209071	10/22/2020	R-56 S2	1046.6	1067.1
N3B-2021-190	Organic	GELC	CAPA-21-208954	10/22/2020	R-40 S1	751.59	785.06
N3B-2021-190	Organic	GELC	CAPA-21-208872	10/22/2020	R-40 S2	849.27	870.0
N3B-2021-190	Organic	GELC	CAPA-21-209069	10/22/2020	R-56 S1	945.0	965.6
N3B-2021-190	Organic	GELC	CAPA-21-209072	10/22/2020	R-56 S2	1046.6	1067.1
N3B-2021-190	Rad	GELC	CAPA-21-208872	10/22/2020	R-40 S2	849.27	870.0
N3B-2021-190	Rad	GELC	CAPA-21-209069	10/22/2020	R-56 S1	945.0	965.6
N3B-2021-190	Rad	GELC	CAPA-21-209072	10/22/2020	R-56 S2	1046.6	1067.1
N3B-2021-219	Rad	ARSL[g]	CAPA-21-208957	10/21/2020	R-20 S1	904.6	912.2

Chain of Custody Number	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2021-219	Rad	ARSL	CAPA-21-208960	10/15/2020	R-20 S2	1147.1	1154.7
N3B-2021-219	Rad	ARSL	CAPA-21-208968	10/21/2020	R-23	816.0	873.2
N3B-2021-219	Rad	ARSL	CAPA-21-208923	10/20/2020	R-23i S1	400.3	420.0
N3B-2021-219	Rad	ARSL	CAPA-21-209290	10/20/2020	R-23i S2	470.2	480.1
N3B-2021-219	Rad	ARSL	CAMO-21-208949	10/19/2020	R-37 S1	929.3	950.0
N3B-2021-219	Rad	ARSL	CAMO-21-208974	10/15/2020	R-37 S2	1026.0	1046.6
N3B-2021-219	Rad	ARSL	CAPA-21-208982	10/21/2020	R-39	859.03	869.03
N3B-2021-219	Rad	ARSL	CAPA-21-208988	10/15/2020	R-41 S2	965.3	975.0
N3B-2021-219	Rad	ARSL	CAPA-21-208986	10/15/2020	R-41 S2	965.3	975.0
N3B-2021-219	Rad	ARSL	CAPA-21-209052	10/19/2020	R-54 S1	830.0	840.0
N3B-2021-219	Rad	ARSL	CAPA-21-209055	10/19/2020	R-54 S2	915.0	925.0
N3B-2021-219	Rad	ARSL	CAMO-21-209576	10/16/2020	R-55i	510.0	531.1
N3B-2021-219	Rad	ARSL	CAPA-21-209075	10/16/2020	R-57 S1	910.0	930.5
N3B-2021-219	Rad	ARSL	CAPA-21-209079	10/16/2020	R-57 S2	971.5	992.1
N3B-2021-220	Rad	ARSL	CAPA-21-208954	10/22/2020	R-40 S1	751.59	785.06
N3B-2021-220	Rad	ARSL	CAPA-21-208872	10/22/2020	R-40 S2	849.27	870.0
N3B-2021-220	Rad	ARSL	CAPA-21-209046	10/23/2020	R-53 S1	849.2	859.2
N3B-2021-220	Rad	ARSL	CAPA-21-209049	10/23/2020	R-53 S2	959.7	980.2
N3B-2021-220	Rad	ARSL	CAPA-21-209069	10/22/2020	R-56 S1	945.0	965.6
N3B-2021-220	Rad	ARSL	CAPA-21-209072	10/22/2020	R-56 S2	1046.6	1067.1
N3B-2021-221	Inorganic	GELC	CAPA-21-209045	10/23/2020	R-53 S1	849.2	859.2
N3B-2021-221	Inorganic	GELC	CAPA-21-209046	10/23/2020	R-53 S1	849.2	859.2
N3B-2021-221	Inorganic	GELC	CAPA-21-209048	10/23/2020	R-53 S2	959.7	980.2
N3B-2021-221	Inorganic	GELC	CAPA-21-209049	10/23/2020	R-53 S2	959.7	980.2
N3B-2021-221	Organic	GELC	CAPA-21-209046	10/23/2020	R-53 S1	849.2	859.2
N3B-2021-221	Organic	GELC	CAPA-21-209049	10/23/2020	R-53 S2	959.7	980.2
N3B-2021-221	Rad	GELC	CAPA-21-209046	10/23/2020	R-53 S1	849.2	859.2
N3B-2021-221	Rad	GELC	CAPA-21-209049	10/23/2020	R-53 S2	959.7	980.2
N3B-2021-222	Organic	SwRI	CAPA-21-208872	10/22/2020	R-40 S2	849.27	870.0
N3B-2021-222	Organic	SwRI	CAPA-21-209046	10/23/2020	R-53 S1	849.2	859.2
N3B-2021-222	Organic	SwRI	CAPA-21-209049	10/23/2020	R-53 S2	959.7	980.2
N3B-2021-222	Organic	SwRI	CAPA-21-209069	10/22/2020	R-56 S1	945.0	965.6
N3B-2021-222	Organic	SwRI	CAPA-21-209072	10/22/2020	R-56 S2	1046.6	1067.1
N3B-2021-238	Inorganic	GELC	CAPA-21-209007	10/28/2020	R-49 S1	845.0	855.0
N3B-2021-238	Inorganic	GELC	CAPA-21-209008	10/28/2020	R-49 S1	845.0	855.0
N3B-2021-238	Inorganic	GELC	CAPA-21-209028	10/28/2020	R-49 S2	905.6	926.4
N3B-2021-238	Inorganic	GELC	CAPA-21-209027	10/28/2020	R-49 S2	905.6	926.4
N3B-2021-238	Organic	GELC	CAPA-21-209008	10/28/2020	R-49 S1	845.0	855.0
N3B-2021-238	Organic	GELC	CAPA-21-209028	10/28/2020	R-49 S2	905.6	926.4

Chain of Custody Number	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2021-238	Rad	GELC	CAPA-21-209008	10/28/2020	R-49 S1	845.0	855.0
N3B-2021-238	Rad	GELC	CAPA-21-209028	10/28/2020	R-49 S2	905.6	926.4
N3B-2021-239	Organic	SwRI	CAPA-21-209008	10/28/2020	R-49 S1	845.0	855.0
N3B-2021-239	Organic	SwRI	CAPA-21-209028	10/28/2020	R-49 S2	905.6	926.4
N3B-2021-248	Rad	ARSL	CAPA-21-209008	10/28/2020	R-49 S1	845.0	855.0
N3B-2021-248	Rad	ARSL	CAPA-21-209028	10/28/2020	R-49 S2	905.6	926.4
N3B-2021-264	Inorganic	GELC	CAPA-21-209030	10/29/2020	R-51 S1	915.0	925.2
N3B-2021-264	Inorganic	GELC	CAPA-21-209031	10/29/2020	R-51 S1	915.0	925.2
N3B-2021-264	Inorganic	GELC	CAPA-21-209574	10/29/2020	R-51 S1	915.0	925.2
N3B-2021-264	Inorganic	GELC	CAPA-21-209575	10/29/2020	R-51 S1	915.0	925.2
N3B-2021-264	Inorganic	GELC	CAPA-21-209033	10/29/2020	R-51 S2	1030.96	1041.0
N3B-2021-264	Inorganic	GELC	CAPA-21-209034	10/29/2020	R-51 S2	1030.96	1041.0
N3B-2021-264	Organic	GELC	CAPA-21-209575	10/29/2020	R-51 S1	915.0	925.2
N3B-2021-264	Organic	GELC	CAPA-21-209031	10/29/2020	R-51 S1	915.0	925.2
N3B-2021-264	Organic	GELC	CAPA-21-209034	10/29/2020	R-51 S2	1030.96	1041.0
N3B-2021-264	Rad	GELC	CAPA-21-209575	10/29/2020	R-51 S1	915.0	925.2
N3B-2021-264	Rad	GELC	CAPA-21-209031	10/29/2020	R-51 S1	915.0	925.2
N3B-2021-264	Rad	GELC	CAPA-21-209034	10/29/2020	R-51 S2	1030.96	1041.0
N3B-2021-276	Inorganic	GELC	CAMO-21-208965	10/30/2020	R-21	888.8	906.8
N3B-2021-276	Inorganic	GELC	CAMO-21-208962	10/30/2020	R-21	888.8	906.8
N3B-2021-276	Inorganic	GELC	CAMO-21-208963	10/30/2020	R-21	888.8	906.8
N3B-2021-276	Inorganic	GELC	CAMO-21-208964	10/30/2020	R-21	888.8	906.8
N3B-2021-276	Organic	GELC	CAMO-21-208965	10/30/2020	R-21	888.8	906.8
N3B-2021-276	Organic	GELC	CAMO-21-208963	10/30/2020	R-21	888.8	906.8
N3B-2021-276	Rad	GELC	CAMO-21-208963	10/30/2020	R-21	888.8	906.8
N3B-2021-276	Rad	GELC	CAMO-21-208965	10/30/2020	R-21	888.8	906.8
N3B-2021-277	Organic	SwRI	CAMO-21-208965	10/30/2020	R-21	888.8	906.8
N3B-2021-277	Organic	SwRI	CAMO-21-208963	10/30/2020	R-21	888.8	906.8
N3B-2021-277	Organic	SwRI	CAPA-21-209031	10/29/2020	R-51 S1	915.0	925.2
N3B-2021-277	Organic	SwRI	CAPA-21-209575	10/29/2020	R-51 S1	915.0	925.2
N3B-2021-277	Organic	SwRI	CAPA-21-209034	10/29/2020	R-51 S2	1030.96	1041.0
N3B-2021-302	Rad	ARSL	CAMO-21-208963	10/30/2020	R-21	888.8	906.8
N3B-2021-302	Rad	ARSL	CAMO-21-208965	10/30/2020	R-21	888.8	906.8
N3B-2021-302	Rad	ARSL	CAPA-21-209031	10/29/2020	R-51 S1	915.0	925.2
N3B-2021-302	Rad	ARSL	CAPA-21-209575	10/29/2020	R-51 S1	915.0	925.2
N3B-2021-302	Rad	ARSL	CAPA-21-209034	10/29/2020	R-51 S2	1030.96	1041.0
N3B-2021-73	Inorganic	GELC	CAPA-21-208971	10/13/2020	R-32 S1	867.5	875.2
N3B-2021-73	Inorganic	GELC	CAPA-21-208970	10/13/2020	R-32 S1	867.5	875.2
N3B-2021-73	Inorganic	GELC	CAMO-21-208977	10/13/2020	R-38	821.2	831.2

Chain of Custody Number	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2021-73	Inorganic	GELC	CAMO-21-208976	10/13/2020	R-38	821.2	831.2
N3B-2021-73	Inorganic	GELC	CAMO-21-208979	10/13/2020	R-38	821.2	831.2
N3B-2021-73	Inorganic	GELC	CAMO-21-208978	10/13/2020	R-38	821.2	831.2
N3B-2021-73	Organic	GELC	CAPA-21-208971	10/13/2020	R-32 S1	867.5	875.2
N3B-2021-73	Organic	GELC	CAMO-21-208977	10/13/2020	R-38	821.2	831.2
N3B-2021-73	Organic	GELC	CAMO-21-208979	10/13/2020	R-38	821.2	831.2
N3B-2021-73	Rad	GELC	CAPA-21-208971	10/13/2020	R-32 S1	867.5	875.2
N3B-2021-73	Rad	GELC	CAMO-21-208979	10/13/2020	R-38	821.2	831.2
N3B-2021-73	Rad	GELC	CAMO-21-208977	10/13/2020	R-38	821.2	831.2
N3B-2021-74	Organic	SwRI	CAPA-21-208971	10/13/2020	R-32 S1	867.5	875.2
N3B-2021-74	Organic	SwRI	CAMO-21-208977	10/13/2020	R-38	821.2	831.2
N3B-2021-74	Organic	SwRI	CAMO-21-208979	10/13/2020	R-38	821.2	831.2
N3B-2021-89	Inorganic	GELC	CAPA-21-209038	10/14/2020	R-52 S1	1035.2	1055.7
N3B-2021-89	Inorganic	GELC	CAPA-21-209039	10/14/2020	R-52 S1	1035.2	1055.7
N3B-2021-89	Inorganic	GELC	CAPA-21-209042	10/14/2020	R-52 S2	1107.0	1117.0
N3B-2021-89	Inorganic	GELC	CAPA-21-209041	10/14/2020	R-52 S2	1107.0	1117.0
N3B-2021-89	Inorganic	GELC	CAMO-21-209060	10/14/2020	R-55 S1	860.0	880.6
N3B-2021-89	Inorganic	GELC	CAMO-21-209059	10/14/2020	R-55 S1	860.0	880.6
N3B-2021-89	Inorganic	GELC	CAMO-21-209062	10/14/2020	R-55 S2	994.4	1015.4
N3B-2021-89	Inorganic	GELC	CAMO-21-209063	10/14/2020	R-55 S2	994.4	1015.4
N3B-2021-89	Organic	GELC	CAPA-21-209039	10/14/2020	R-52 S1	1035.2	1055.7
N3B-2021-89	Organic	GELC	CAPA-21-209042	10/14/2020	R-52 S2	1107.0	1117.0
N3B-2021-89	Organic	GELC	CAMO-21-209060	10/14/2020	R-55 S1	860.0	880.6
N3B-2021-89	Organic	GELC	CAMO-21-209063	10/14/2020	R-55 S2	994.4	1015.4
N3B-2021-89	Rad	GELC	CAPA-21-209039	10/14/2020	R-52 S1	1035.2	1055.7
N3B-2021-89	Rad	GELC	CAPA-21-209042	10/14/2020	R-52 S2	1107.0	1117.0
N3B-2021-89	Rad	GELC	CAMO-21-209060	10/14/2020	R-55 S1	860.0	880.6
N3B-2021-89	Rad	GELC	CAMO-21-209063	10/14/2020	R-55 S2	994.4	1015.4
N3B-2021-90	Organic	SwRI	CAPA-21-209039	10/14/2020	R-52 S1	1035.2	1055.7
N3B-2021-90	Organic	SwRI	CAPA-21-209042	10/14/2020	R-52 S2	1107.0	1117.0
N3B-2021-90	Organic	SwRI	CAMO-21-209060	10/14/2020	R-55 S1	860.0	880.6
N3B-2021-90	Organic	SwRI	CAMO-21-209063	10/14/2020	R-55 S2	994.4	1015.4
N3B-2021-96	Rad	ARSL	CAPA-21-208971	10/13/2020	R-32 S1	867.5	875.2
N3B-2021-96	Rad	ARSL	CAMO-21-208977	10/13/2020	R-38	821.2	831.2
N3B-2021-96	Rad	ARSL	CAMO-21-208979	10/13/2020	R-38	821.2	831.2
N3B-2021-96	Rad	ARSL	CAPA-21-209039	10/14/2020	R-52 S1	1035.2	1055.7

Chain of Custody Number	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2021-96	Rad	ARSL	CAPA-21-209042	10/14/2020	R-52 S2	1107.0	1117.0
N3B-2021-96	Rad	ARSL	CAMO-21-209060	10/14/2020	R-55 S1	860.0	880.6
N3B-2021-96	Rad	ARSL	CAMO-21-209063	10/14/2020	R-55 S2	994.4	1015.4

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

[b] S2 = Screen 2.

[c] S1 = Screen 1.

[d] Rad = Radiochemistry (not gamma).

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

[f] SWRI = Southwest Research Institute, San Antonio, TX.

[g] ARSL = American Radiation Services, Inc.