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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May 2021
EM2021-0077

2021 Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group, Mortandad Canyon and Sandia 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.

EM2021-0077

2021 Annual Periodic Monitoring Report for the Chromium Investigation Monitoring Group, Mortandad Canyon and Sandia Canyon Watersheds

May 2021

Responsible program director:

Printed Name	Signature	Title	Organization	Date
Steve Veenis	Steve Veenis	T2S Program Director	Water Program	05/10/21

Responsible N3B representative:

Printed Name	Signature	Title	Organization	Date
Kim Lebak	Kimberly D Lebak	Program Manager	N3B Environmental Remediation Program	05/10/21

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Arturo Q. Duran	ARTURO DURAN Digitally signed by ARTURO DURAN Date: 2021.05.27 09:18:22 -06'00'	Compliance and Permitting Manager	Office of Quality and Regulatory Compliance

EXECUTIVE SUMMARY

This annual periodic monitoring report (PMR) presents results for the Chromium Investigation 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 Chromium Investigation monitoring group are located within the Mortandad Canyon and Sandia Canyon watersheds. The Chromium Investigation monitoring group includes the monitoring of groundwater wells and well screen locations.

This PMR presents monitoring results for three quarterly and seven monthly periodic monitoring events (PMEs) conducted during the second, third, and fourth quarters of monitoring year (MY) 2020 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 Chromium Investigation monitoring group PMEs that have not yet been reported because the validated laboratory data were not available at the time of the previous Chromium Investigation PMR publications.

MY 2020 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 Sandia and Mortandad Canyon PMEs were both affected by the EMCA status. Quarterly samples scheduled to be collected in MY 2020 Quarter 3 were canceled. Semiannual samples were rescheduled for 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 IFGMP and 2021 IFGMP: metals; volatile organic compounds; semivolatile organic compounds; low-level 1,4-dioxane; low-level nitrosamines; per- and polyfluoroalkyl substances; radionuclides (including tritium and low-level tritium); and general inorganic chemicals (including perchlorate). The same samples were also analyzed for the following field parameters: dissolved oxygen, flow rate (in gallons per minute), oxidation-reduction potential, pH, specific conductance, temperature, and turbidity.

A total of 27 groundwater analytical results reported in this PMR were detected above applicable screening values.

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Plate 1	Groundwater elevations

Acronyms and Abbreviations

amsl	above mean sea level
AOC	area of concern
COC	chain of custody
Consent Order	Compliance Order on Consent
DOE	Department of Energy (U.S.)
DQO	data quality objective
EDD	electronic data deliverable
EIM	Environmental Information Management (database)
EM	Office of Environmental Management (DOE)
EM-LA	Environmental Management Los Alamos Field Office (DOE)
EPA	Environmental Protection Agency (U.S.)
EQB	equipment rinsate blank
F	filtered
FB	field blank
FD	field duplicate
FTB	field trip blank
GELC	GEL Laboratories, LLC, Division of the GEL Group, Charleston, SC
gpm	gallons per minute
HE	high explosives
ID	identification
IM	interim measure
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
LCMS/MS	liquid chromatography mass spectrometry/mass spectrometry
MCL	maximum contaminant level (EPA)
MDL	method detection limit
MY	monitoring year
N	no (best-value flag code)
N3B	Newport News Nuclear BWXT-Los Alamos, LLC
ND	nondetection
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission

NTU	nephelometric turbidity unit(s)
PCB	polychlorinated biphenyl
PEB	performance evaluation blank
PFAS	per- and polyfluoroalkyl substances
PME	periodic monitoring event
PMR	periodic monitoring report
QA	quality assurance
QC	quality control
RLWTF	Radioactive Liquid Waste Treatment Facility
S1	screen 1
S2	screen 2
SAP	sample and analysis plan
SIM	selected ion monitoring
SOP	standard operating procedure
SU	standard unit
SVOC	semivolatile organic compound
SWMU	solid waste management unit
TA	technical area
TDS	total dissolved solids
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 Chromium Investigation 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
Mortandad/Sandia	2020	2	01/07/2020[a]	01/23/2020
			02/12/2020[b]	02/28/2020
			03/04/2020[b]	03/18/2020
		3	—[c]	—
			—[c]	—
			06/23/2020[b]	06/29/2020
		4	07/21/2020[b]	07/30/2020
			08/04/2020[a]	08/21/2020
			09/08/2020[b]	09/25/2020
	2021	1	10/06/2020[b]	10/16/2020
			11/03/2020[a]	11/20/2020
			12/03/2020[b]	12/17/2020

[a] Quarterly sampling event.

[b] Monthly sampling event.

[c] No samples were collected during this PME because of the EMCA status imposed in response to the COVID-19 pandemic.

The annual Chromium Investigation monitoring group PMR is submitted to the New Mexico Environment Department (NMED) every May and includes results from the Chromium Investigation monitoring group PMEs performed through the first quarter of monitoring year (MY) 2021. This PMR presents monitoring results for three quarterly and seven monthly PMEs conducted during the second, third, and fourth quarters of MY 2020 and the first quarter of MY 2021.

MY 2020 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 (DOE 2020, 700826). The MY 2020 Quarter 3 Sandia and Mortandad Canyon PMEs were both affected by the EMCA status. Quarterly samples scheduled to be collected in MY 2020 Quarter 3 were canceled. Semiannual samples were rescheduled for MY 2020 Quarter 4 once phased resumption of operations at Los Alamos National Laboratory began on June 8, 2020.

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

The PMEs reported in this PMR include sampling of groundwater wells and well screen locations pursuant to the "Interim Facility-Wide Groundwater Monitoring Plan for the 2020 Monitoring Year, October 2019–September 2020" (hereafter referred to as the 2020 IFGMP) (N3B 2019, 700451) 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. Screening values for evaluating IFGMP monitoring data include New Mexico Water Quality Control Commission (NMWQCC) groundwater standards, U.S. Environmental Protection Agency (EPA) maximum contaminant levels (MCLs), NMED screening levels for tap water, and EPA regional screening levels for tap water. Additional risk evaluation is required to determine the potential need for cleanup (corrective action) if results indicate that contaminants are present at concentrations above screening values.

This report presents the following information:

- general background information for the Chromium Investigation monitoring group;
- scope of activities for the Chromium Investigation monitoring group;
- regulatory criteria for screening analysis;
- monitoring results (field parameters, groundwater elevations);
- analytical data results; and
- a summary of the monitoring data and the results of screening analysis.

All information associated with analyses of radionuclides is voluntarily provided to NMED in accordance with U.S. Department of Energy (DOE) policy.

1.1 Background

The Chromium Investigation monitoring group is located in Sandia Canyon and Mortandad Canyon watersheds. Monitoring focuses on the characterization, fate, and transport of chromium contamination in perched-intermediate groundwater and within the regional aquifer. The distribution of wells in the monitoring group addresses the regional aquifer chromium plume corresponding to historical discharges from the Technical Area 03 (TA-03) cooling tower in western Sandia Canyon. The wells also monitor groundwater potentially affected by historical releases from Outfall 051, which discharges from the radioactive liquid waste treatment facility (RLWTF) in the Mortandad Canyon watershed. This discharge was suspended from 2011 to June 2019 because of process changes at the RLWTF. While chromium discharge sources have been discontinued, current water discharges including the power plant, sanitary wastewater, and cooling tower effluent discharge from operating facilities continue to influence the occurrence of perennial streamflow and alluvial groundwater conditions in the upper and middle portions of the canyon system.

Figure 1.0-1 is a Chromium Investigation monitoring group vicinity map that provides a depiction of the canyons. Monitoring locations are shown in Figure 1.0-2.

Sandia Canyon is located on LANL property within TA-03 at an elevation of approximately 7300 ft above mean sea level (amsl). The canyon trends east-southeast across the Laboratory, Bandelier National Monument, and San Ildefonso Pueblo and empties into the Rio Grande in White Rock Canyon at an

elevation of 5450 ft amsl. The area of the Sandia Canyon watershed is approximately 5.5 mi^2. Present-day discharges such as sanitary wastewater and cooling tower effluent from operating facilities continue to influence perennial streamflow and saturated alluvial groundwater conditions in the upper and middle portions of the canyon system. A wetland of approximately 7 acres has developed in the upper portion of the canyon under the effluent discharge influence. The only known perennial spring in the watershed, Sandia Spring, is located in lower Sandia Canyon near the Rio Grande. Technical areas located in the Sandia Canyon watershed include TA-03, TA-53, TA-60, TA-61, TA-72, and former TA-20. A total of 261 solid waste management units (SWMUs) and areas of concern (AOCs) are located within the portions of these TAs in the Sandia Canyon watershed; of these, 179 are located in Upper Sandia Canyon Aggregate Area, and 82 are located in Lower Sandia Canyon Aggregate Area.

Mortandad Canyon is an east-to-southeast trending canyon that heads on the Pajarito Plateau near the main Laboratory complex at TA-03 at an elevation of 7380 ft amsl. The drainage extends about 9.6 mi from its headwaters to its confluence with the Rio Grande at an elevation of 5440 ft amsl. The canyon crosses San Ildefonso Pueblo land for several miles before joining the Rio Grande (LANL 1997, 056835). The Mortandad Canyon watershed is located in the central portion of the Laboratory and covers approximately 10 mi^2. The Mortandad Canyon watershed contains several tributary canyons including Ten Site Canyon, Pratt Canyon, Effluent Canyon, and Cañada del Buey, which have received contaminants released during Laboratory operations. Technical areas located in the Mortandad Canyon watershed include TA-03, TA-05, TA-35, TA-48, TA-50, TA-52, TA-55, TA-60, TA-63, former TA-04, and former TA-42. A total of 257 SWMUs and AOCs are located within the portions of these technical areas in the Mortandad Canyon watershed; of these, 119 are located within Upper Mortandad Canyon Aggregate Area, 132 are located in Middle Mortandad/Ten Site Canyons Aggregate Area, and 6 are located in Lower Mortandad/Cedro Canyons Aggregate Area.

For wells reported in this PMR, chromium concentrations exceed the 50-µg/L NMWQCC groundwater standard in perched-intermediate wells SCI-2 and MCOI-6, and in regional aquifer wells R-43 screen (S)1, R-45 S2, R-62, and R-70 S2.

The chromium present in wells in the monitoring group originated from daily blowdown into Sandia Canyon from 1956 until 1972 from cooling towers at the Laboratory's power plant located at the head of Sandia Canyon. The blowdown combined with effluent-supported surface water flowed downcanyon and infiltrated into the vadose zone, where lateral migration pathways moved percolating water to locations beneath Mortandad Canyon and eventually into the regional aquifer. These sources and the migration pathways are described in the "Investigation Report for Sandia Canyon" (LANL 2009, 107453) and the "Phase II Investigation Report for Sandia Canyon" (LANL 2012, 228624).

For wells reported in this PMR, perchlorate exceeds the 13.8-µg/L NMWQCC groundwater standard in perched-intermediate well MCOI-6, the primary source of which is historical effluent releases from the TA-50 RLWTF. A conceptual model for the sources and distribution of perchlorate is presented in the "Investigation Report for Sandia Canyon" (LANL 2009, 107453) and the "Phase II Investigation Report for Sandia Canyon" (LANL 2012, 228624).

2.0 SCOPE OF ACTIVITIES

All active monitoring locations in the Chromium Investigation monitoring group are located within Mortandad Canyon and Sandia Canyon watersheds. Monitoring locations include 4 groundwater wells completed within the perched-intermediate aquifer and 23 groundwater wells completed within the deep regional aquifer.

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

Purge water is managed and characterized in accordance with the relevant version of the waste characterization strategy form (WCSF) "Characterization and Management of Environmental Programs Waste" (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 implements the NMED-approved decision tree for land application of drilling, development, rehabilitation, and purge water.

Table 2.0-1 provides information about each well sampled during the report's PME. Information provided includes the well location name and watershed; the monitoring year and quarter of the sampling event; the sample collection date; each well's screened interval with top and bottom screen depths; and the casing volume, purge volume, and purge or flow rate for each sampling event.

2.1 PME Observations and Deviations from Planned Scope

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

3.0 REGULATORY CRITERIA

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

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

- For each individual substance, the lower concentration of the NMWQCC groundwater standard or the EPA MCL is used as the screening value.
- If the NMWQCC groundwater standard or the EPA MCL has not been established for a specific substance for which toxicological information is published, the NMED screening level for tap water is used as the groundwater screening value. NMED screening levels are established for either a cancer- or noncancer-risk type; for the cancer-risk type, screening levels are based on a 10^{-5} excess cancer risk. This report was prepared using the 2019 NMED Risk Assessment Guidance for Site Investigations and Remediation (NMED 2019, 700550).

- If the NMED screening level for tap water has not been established for a specific substance for which toxicological information is published, the EPA regional screening level for tap water is used as the groundwater screening value. The EPA screening levels are established for either a cancer- or noncancer-risk type. For the cancer-risk type, the Consent Order specifies screening at a 10^{-5} excess cancer risk. The EPA screening levels for tap water are at 10^{-6} excess cancer risk; therefore, 10 times the EPA 10^{-6} screening level is used in the screening process. This report was prepared using the November 2020 EPA regional screening levels for tap water (http://www.epa.gov/risk/risk-based-screening-table-generic-tables).
- The NMWQCC groundwater standards apply to 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. There were no analytes for which the lower range of MDLs is below the screening value but the upper portion of the range is above the screening value during the period covered by this report. The analytical method and analytical laboratory are included in the table for reference.

4.3 Field Parameter Results

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

4.4 Groundwater Elevations

The groundwater elevations are measured at each monitoring location before purging and sampling at that location, as required by the Consent Order.

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

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

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

Data gaps exist at the following locations:

- MCA-9, MCO-9, and MCO-12 are alluvial water-level monitoring wells that are monitored to meet the Discharge Permit 1793 requirement to monitor historically dry wells for verification that land application of wastewater does not result in local saturation. MCA-9 had water in the sump and data collected is therefore not considered valid because this water is not groundwater.MCO-9 and MCO-12 were dry during the PMEs reported in this PMR.
- MCOI-4 has intermittent water levels; at times water levels are in the sump.
- R-28 and R-42 have intermittent water-level data due to redevelopment.
- R-70 does not have data after November 4, 2020, as the data logger was not reset.

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

For wells equipped with transducers, the reported groundwater elevation was the first measurement taken each day. Figure 4.4-1 shows the elevation of the regional groundwater surface and flow direction. Regional contours were generated in ArcGIS using average groundwater elevations in November 2019. No perched-intermediate groundwater contours are shown. However, all groundwater-elevation data for locations with transducers are reported in Appendix B and on Plate 1.

5.0 ANALYTICAL DATA RESULTS

5.1 Methods and Procedures

All methods and procedures used to perform the analysis for the data reported in this PMR are documented in the 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 a facet 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 nondedicated, decontaminated field sampling equipment prior to the collection of field samples. PEBs are blanks that are also 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 sites where VOCs are sampled 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 uploaded to the N3B Environmental Information Management (EIM) database. The received data is 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 Levels 1 and 2 criteria and determines the effect of potential anomalies encountered during analysis and possible effects on data quality and usability. A Level 3 validation is performed manually with method-specific data validation procedures. Laboratory analytical data are validated by N3B personnel as outlined in N3B-PLN-SDM-1000; N3B-AP-SDM-3000: “General Guidelines for Data Validation”; N3B-AP-SDM-3014: “Examination and Verification of Analytical Data”; and additional method-specific analytical data validation procedures. All associated validation procedures have been developed, where applicable, from the EPA QA/G-8 Guidance on Environmental Data Verification and Data Validation, the Department of Defense/Department of Energy Consolidated Quality Systems Manual for Environmental Laboratories, the EPA National Functional Guidelines for Data Validation, and the American National Standards Institute/American Nuclear Society 41.5: Verification and Validation of Radiological Data.

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 results 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 nonconformance 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.

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 its associated 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 27 groundwater analytical results reported in this PMR were above applicable screening values. These exceedances involve the following six analytes: benzo(a)anthracene (unfiltered); benzo(b)fluoranthene (unfiltered); chromium (filtered); 1,4-dioxane (unfiltered); nitrate-nitrite as nitrogen (filtered); and perchlorate (filtered). The following section details when and where these exceedances were detected. Figure 5.2-1 shows chromium exceedances.

5.2.1.1 Perched-Intermediate Monitoring Wells

MCOI-6

At MCOI-6, chromium concentrations were detected above the NMWQCC groundwater standard of 50 µg/L during the January 13, 2020; August 17, 2020; and November 9, 2020, sampling events with respective concentrations of 62.4 µg/L, 61 µg/L, and 60.1 µg/L. Historically, from February 2009 to November 2019, these concentrations have ranged from 40.9 µg/L to 86.6 µg/L.

At MCOI-6, 1,4- dioxane concentrations were detected over the NMED tap water screening level of 4.59 µg/L during the August 17, 2020, and November 9, 2020, sampling events with respective concentrations of 14.1 µg/L and 25.0 µg/L (using SW-846:8270D and SW-846:8270E SVOC-SIM analyses, respectively). Historically, from May 2015 to November 2019, 1,4-dioxane concentrations at MCOI-6 have ranged from 7.39 µg/L to 28.3 µg/L.

At MCOI-6, nitrate-nitrite as nitrogen concentrations were detected above the EPA MCL screening value of 10 mg/L during the January 13, 2020; August 17, 2020; and November 9, 2020, sampling events with respective concentrations of 12.3 mg/L, 11.6 mg/L, and 11.9 mg/L. Historically, from February 2013 to November 2019, nitrate-nitrite as nitrogen concentrations at MCOI-6 have ranged from 7.62 mg/L to 15.1 mg/L.

At MCOI-6, perchlorate concentrations were detected above the NMED tap water screening level of 13.8 µg/L during the January 13, 2020; August 17, 2020; and November 9, 2020, sampling events with respective concentrations of 96.6 µg/L, 73.7 µg/L, and 97.9 µg/L. Historically, from February 2013 to November 2019, perchlorate concentrations at MCOI-6 have ranged from 56.3 µg/L to 124 µg/L.

SCI-2

At SCI-2, chromium concentrations were detected above the NMWQCC groundwater standard of 50 µg/L during the January 23, 2020; August 6, 2020; and November 4, 2020, sampling events with respective concentrations of 262.0 µg/L, 262.0 µg/L, and 244.0 µg/L. Historically, from May 2009 to November 2019, chromium concentrations have ranged from 265.0 µg/L to 658.0 µg/L.

MCOI-5

As described in Table 2.1-1, sampling was not conducted at the location during this MY due to the EMCA status and dry well conditions. Groundwater concentrations similar to those found to exceed screening levels at the well during previous years may persist nearby, including for 1,4-dioxane, nitrate-nitrite, and perchlorate. Historically, since 2009, chromium concentrations at MCOI-5 have been less than the 50 µg/L NMWQCC groundwater standard and ranged from nondetection (ND) to 14.2 µg/L. MCOI-5 will continue to be monitored for water levels and, if sufficient recharge occurs allowing water level to rise to 3.5 ft. above the bottom of the screen (6124.2 ft. amsl), then a prioritized suite consisting of perchlorate, PFAS, metals, and additional general inorganics will be collected.

5.2.2.2 Regional Monitoring Wells

R-43 Screen 1

At R-43 S1, chromium concentrations were detected above the NMWQCC groundwater standard of 50 µg/L during the January 9, 2020; August 5, 2020; and November 19, 2020, sampling events with respective concentrations of 215.0 µg/L, 194.0 µg/L, and 202.0 µg/L. Historically, from June 2009 to November 2019, these concentrations have ranged from 2.35 µg/L to 223 µg/L.

R-45 Screen 2

At R-45 S2, a chromium concentration was detected above the NMWQCC groundwater standard of 50 µg/L during the December 16, 2020, sampling event with a concentration of 55 µg/L. Historically, from October 2011 to November 2019, these concentrations have ranged from 9.99 µg/L to 47.4 µg/L.

R-62

At R-62, chromium concentrations were detected above the NMWQCC groundwater standard of 50 µg/L during the August 21, 2020, and November 6, 2020, sampling events with respective concentrations of 287 µg/L and 346 µg/L. Historically, since 2012, concentrations have ranged from 104 µg/L to 287 µg/L.

R-50 Screen 1

At R-50 S1, chromium concentrations were not detected above the NMWQCC groundwater standard of 50 µg/L during PMEs comprising the period of this PMR. This lower concentration is associated with a downward concentration trend observed during the past few years.

R-61 Screen 1

At R-61 S1, perchlorate concentrations were not detected above the current screening value of 13.8 µg/L during PMEs comprising the period of this PMR. Concentrations were moderately below the screening value during the period. Historically, from August 2011 and through the period of this report, the perchlorate concentration has ranged from 2.96 to 16.2 µg/L.

R-70 Screen 1

At R-70 S1, benzo(a)anthracene was detected above the NMED tap water screening level of 0.12 µg/L during the November 9, 2020, sampling event with a concentration of 0.373 µg/L. Benzo(a)anthracene was not detected at 0.3 ug/L in the sample collected on August 4, 2020, which represented the only prior analysis for the compound.

At R-70 S1, benzo(b)fluoranthene was detected above the NMED tap water screening level of 0.343 µg/L during the November 9, 2020, sampling event with a concentration of 0.589 µg/L. Benzo(b)fluoroanthene was not detected at 0.3 ug/L in the sample collected on August 4, 2020, which represented the only prior analysis for the compound.

R-70 Screen 2

At R-70 S2, chromium concentrations were detected above the NMWQCC groundwater standard of 50 µg/L during the August 4, 2020; September, 23, 2020; October 15, 2020; November 9, 2020; and December 3, 2020, sampling events with respective concentrations of 268.0 µg/L, 264.0 µg/L, 255.0 µg/L, 256.0 µg/L, and 250.0 µg/L. Historically, from May 2019 to November 2019, these concentrations have ranged from 246 µg/L to 265 µg/L.

5.3 Sampling Program Modifications

In MY 2020, monthly sampling was removed from the IFGMP and reported under the “Semiannual Progress Report on Chromium Plume Control Interim Measure Performance” (N3B 2020, 700815). In MY 2021, monthly sampling was placed back into the IFGMP. For consistency, monthly sampling for both the MY 2020 and MY 2021 are included within this PMR. Tracer sampling will continue to be reported under the Semiannual Progress Report.

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

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 in the 2020 IFGMP at the request of NMED.

In 2017, R-28 and R-42 were removed from the Chromium Investigation monitoring group and repurposed to support the interim measure (IM) investigations and plume-center characterization.

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

A total of 27 groundwater analytical results reported in this PMR were above applicable screening values (Table 5.2-1). For these results, the types of contaminants detected and their concentrations are consistent with data reported in previous PMRs for this monitoring group, with the following exceptions.

6.2.1.1 Perched-Intermediate Monitoring Wells

The SCI-2 filtered chromium concentration of 244 µg/L collected on November 4, 2020, was the lowest observed to date. The previous minimum concentration was 265 µg/L collected on May 14, 2019.

6.2.1.2 Regional Monitoring Wells

The R-45 S2 filtered chromium concentration of 55 µg/L collected on December 16, 2020, was the highest concentration to date. The previous maximum concentration was 47.4 µg/L collected on October 31, 2017.

The R-62 filtered chromium concentration of 346 µg/L collected on November 6, 2020, was the highest concentration to date. The previous maximum concentration was 311 µg/L collected on January 23, 2019.

The R-70 S1 unfiltered benzo(a)anthracene concentration of 0.373 µg/L collected on November 9, 2020, was the first detection to date. The compound was not detected at 0.3 ug/L in the sample collected on August 4, 2020 which represented the only prior analysis for the compound.

The R-70 S1 unfiltered benzo(b)fluoranthene concentration of 0.589 µg/L collected on November 9, 2020, was the first concentration to date. Benzo(b)fluoroanthene was not detected at 0.3 ug/L in the sample collected on August 4, 2020 which represented the only prior analysis for the compound.

The R-70 S2 filtered chromium concentration of 272 µg/L collected on August 4, 2020, was the first concentration to date.

6.3 Data Gaps

Table 2.1-1 summarizes deviations from the planned monitoring scope for this PMR including data gaps and cancelations due to sampling complications.

6.4 Remediation System Monitoring

Initial pumping, treatment, and injection of groundwater containing elevated levels of chromium from the aquifer beneath Mortandad and Sandia Canyons began under the IM in late 2016.

The IM involves pumping contaminated groundwater from the regional aquifer using extraction wells, treating the water at the surface using ion exchange to reduce the chromium concentrations to values at or below 90% of the groundwater standard (i.e., 45 µg/L) in accordance with Discharge Permit 1793, and reinjecting the treated water into the regional aquifer through a series of injection wells located along the plume periphery. The performance monitoring wells, all of which are ideally located for monitoring the performance of the IM, include R-11, R-35a, R-35b, R-50 S1 and S2, R-44 S1 and S2, R-45 S1 and S2, SIMR-2, and R-61 S1. R-70 S1 and S2 will be sampled quarterly to monitor the plume. The monthly chromium monitoring sampling was removed from the 2020 IFGMP (N3B 2019, 700451) but was restored to the 2021 IFGMP (N3B 2020, 700451). Monthly sampling and associated results of these wells for MY 2020 and MY 2021 are presented in this PMR for consistency. Tracer sampling associated with the

IM continue to be reported under the "Semiannual Progress Report on Chromium Plume Control Interim Measure Performance" (N3B 2020, 700815).

7.0 REFERENCES

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

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

DOE (U.S. Department of Energy), March 31, 2020. "U.S. Department of Energy Environmental Management Los Alamos Field Office Transition to Essential Mission Critical Activities Notification," U.S. Department of Energy letter (EMLA-2020-1393-02-001) to K. Pierard (NMED-HWB) from A. Duran (EM-LA), Los Alamos, New Mexico. (DOE 2020, 700826)

LANL (Los Alamos National Laboratory), September 1997. "Work Plan for Mortandad Canyon," Los Alamos National Laboratory document LA-UR-97-3291, Los Alamos, New Mexico. (LANL 1997, 056835)

LANL (Los Alamos National Laboratory), October 2009. "Investigation Report for Sandia Canyon," Los Alamos National Laboratory document LA-UR-09-6450, Los Alamos, New Mexico. (LANL 2009, 107453)

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N3B (Newport News Nuclear BWXT-Los Alamos, LLC), May 2019. "Interim Facility-Wide Groundwater Monitoring Plan for the 2020 Monitoring Year, October 2019–September 2020," Newport News Nuclear BWXT-Los Alamos, LLC, document EM2019-0156, Los Alamos, New Mexico. (N3B 2019, 700451)

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), March 2020. "Semiannual Progress Report on Chromium Plume Control Interim Measure Performance, July through December 2019," Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0041, Los Alamos, New Mexico. (N3B 2020, 700815)

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

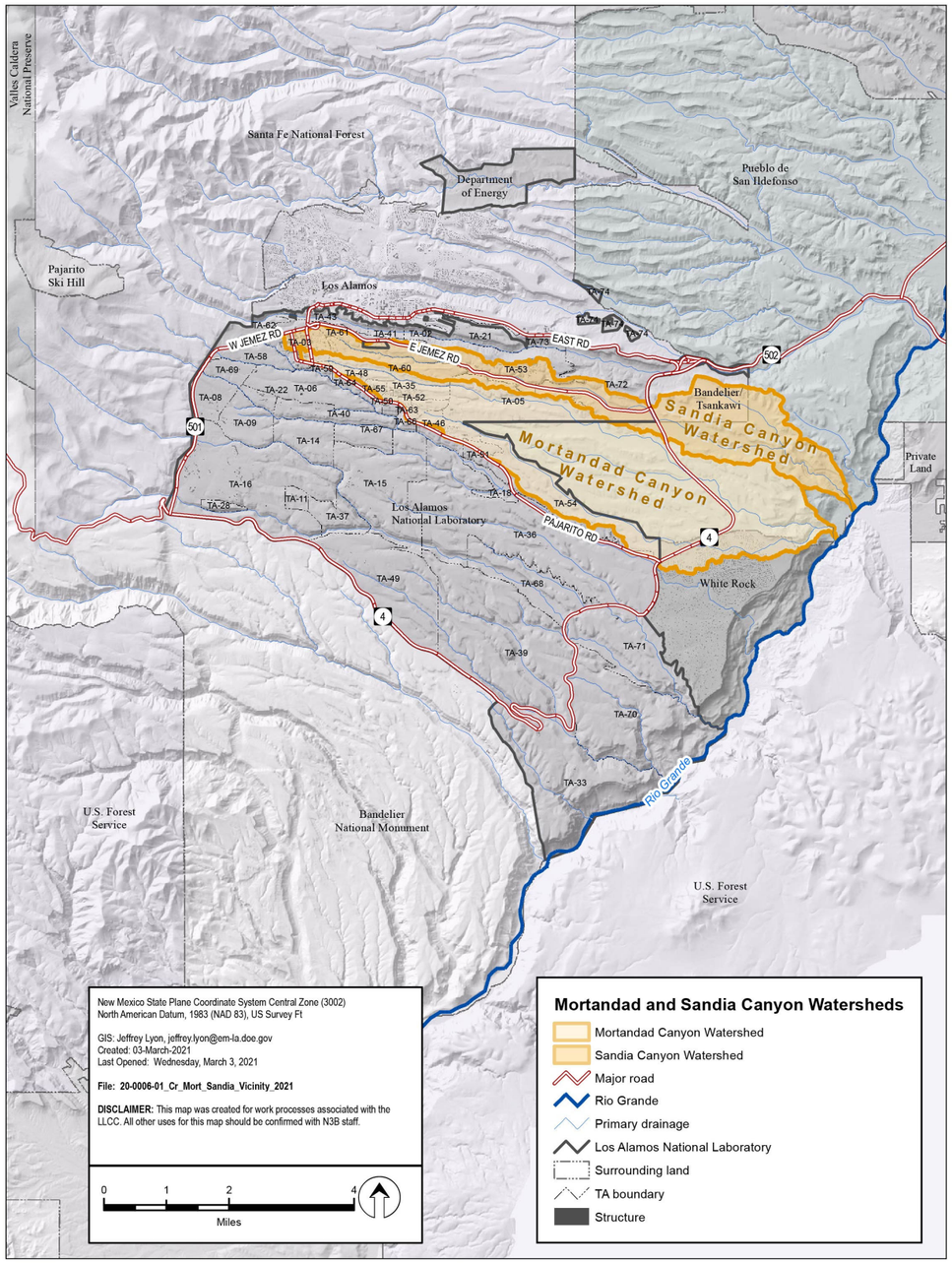
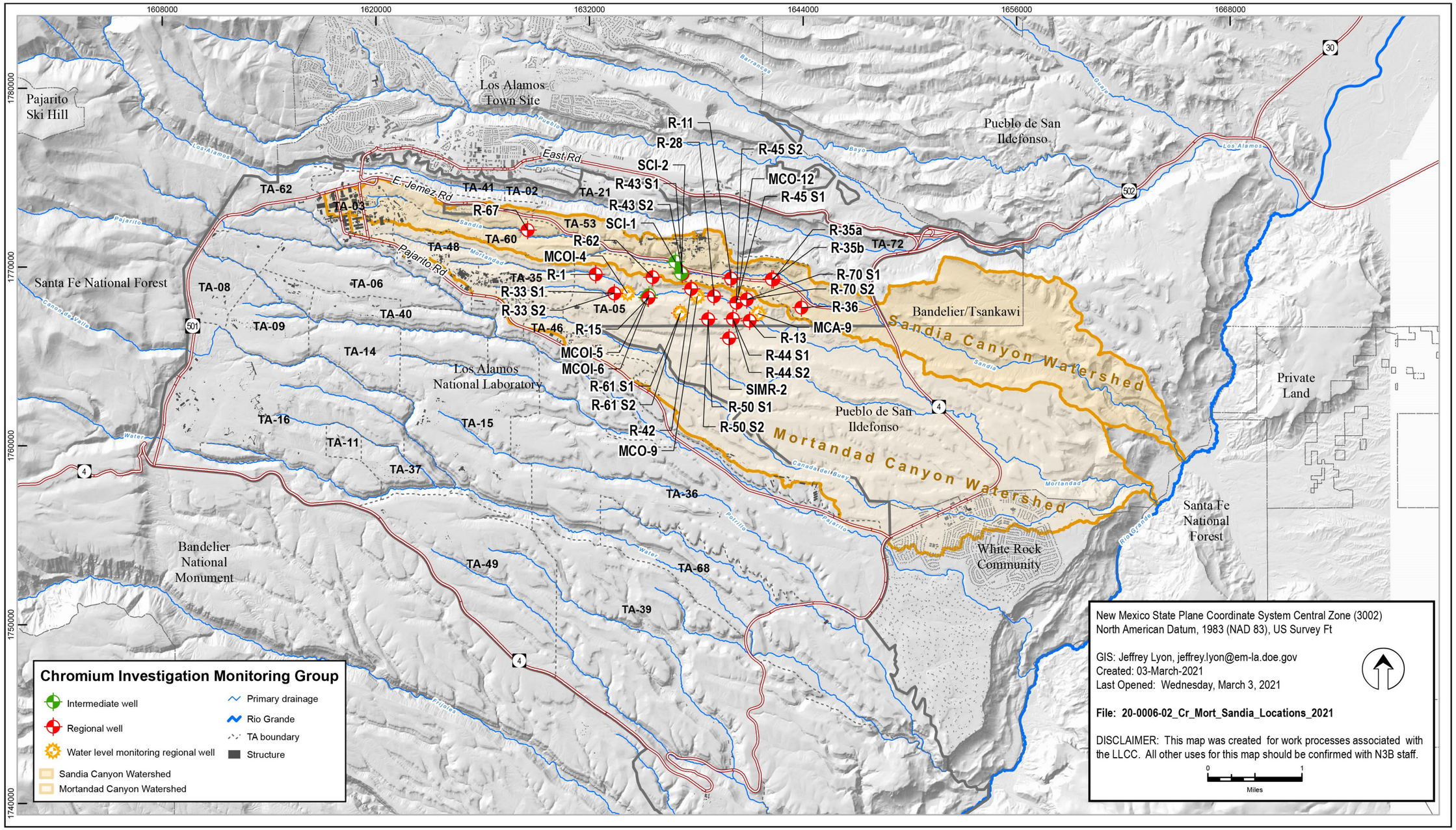


Figure 1.0-1 Chromium Investigation monitoring group vicinity map



Note: See also Table 2.0-1.

Figure 1.0-2 Chromium Investigation monitoring group well locations

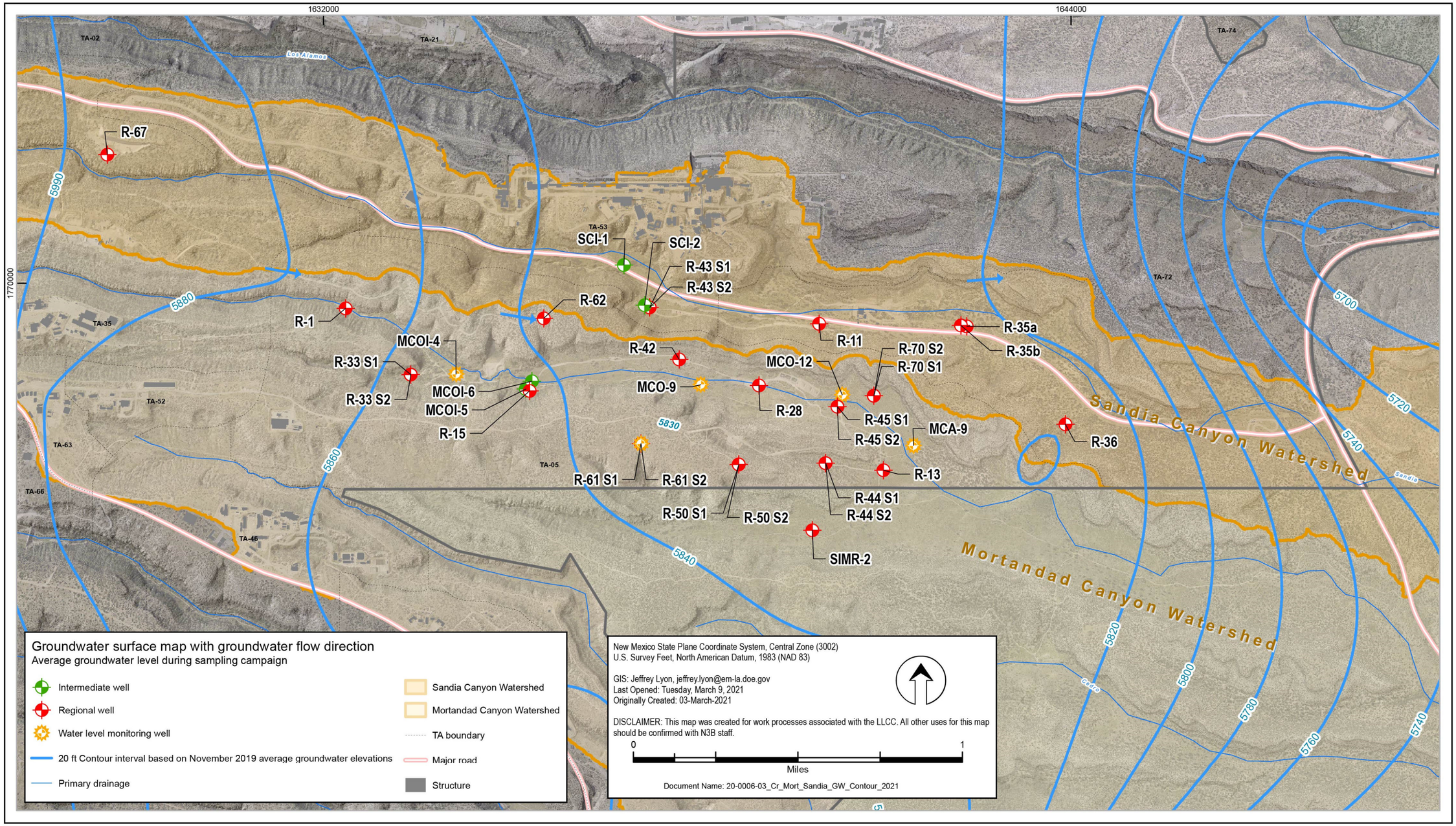
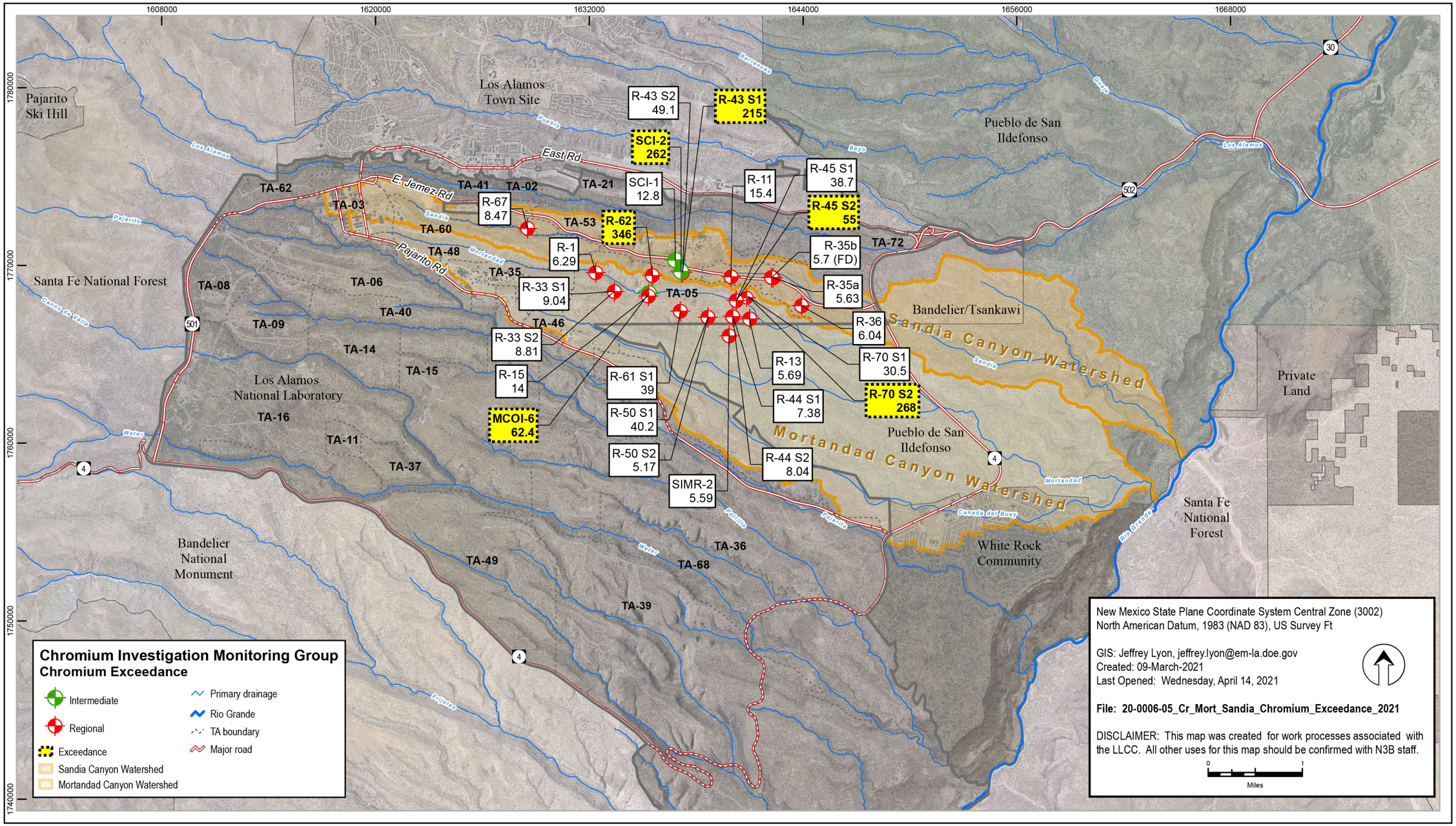


Figure 4.4-1 Regional aquifer water table map with flow direction



Note: The screening value for groundwater is 50 µg/L.

Figure 5.2-1 Chromium Investigation monitoring group filtered maximum chromium concentrations in µg/L

Table 2.0-1
Chromium Investigation Monitoring Group Locations and General Information

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[a])
		Monitoring Year	Quarter							
Perched-Intermediate										
MCOI-5	Mortandad	2020	2	Canceled[b]	10.0	689.0	699.0	4.77	5.61	0.33
MCOI-6	Mortandad			01/13/2020[b]	23.0	686.0	709.0	36.79	112.5	1.25
SCI-2	Sandia			01/23/2020[b]	20.0	548.0	568.0	4.91	15.05	0.43
MCOI-5	Mortandad		3	Canceled[b]	10.0	689.0	699.0	—[c]	—	—
MCOI-6	Mortandad			Canceled[b]	23.0	686.0	708.3	—	—	—
SCI-1[d]	Sandia			Canceled[b]	19.5	358.4	377.9	—	—	—
SCI-2	Sandia			Canceled[b]	20.0	548.0	568.0	—	—	—
MCOI-5	Mortandad		4	Canceled[b]	10.0	689.0	699.0	—	—	—
MCOI-6	Mortandad			08/17/2020[b]	23.0	686.0	709.0	34.77	109.25	1.15
SCI-1	Sandia			08/06/2020[b]	19.5	358.4	377.9	4.43	5.67	0.63
SCI-2	Sandia			08/06/2020[b]	20.0	548.0	568.0	4.81	14.64	0.61
MCOI-5	Mortandad	2021	1	Canceled[b]	10.0	689.0	699.0	—	—	—
MCOI-6	Mortandad			11/09/2020[b]	23.0	686.0	709.0	36.04	110.2	1.16
SCI-1	Sandia			11/04/2020[b]	19.5	358.4	377.9	4.47	5.31	0.59
SCI-2	Sandia			11/04/2020[b]	20.0	548.0	568.0	4.92	16.08	0.67
Regional										
R-11	Sandia	2020	2	01/08/2020[b]	22.9	855.0	877.9	49.54	160.05	2.91
R-11	Sandia			02/13/2020[e]	22.9	855.0	877.9	49.37	161.28	2.33
R-11	Sandia			03/16/2020[e]	22.9	855.0	877.9	49.27	161.28	2.88
R-13	Mortandad			01/21/2020[b]	60.4	958.3	1018.7	154.16	468.0	4.68
R-15	Mortandad			01/23/2020[b]	61.7	958.6	1020.3	56.07	170.10	8.10
R-33 S1[f]	Mortandad			01/07/2020[b]	23.0	995.5	1018.5	72.02	218.4	3.12
R-33 S2[g]	Mortandad			01/07/2020[b]	9.9	1112.4	1122.3	40.43	130.05	2.89

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[a])
		Monitoring Year	Quarter							
R-35a	Sandia	2020	2	01/15/2020[b]	49.1	1013.1	1062.2	238.90	739.05	3.79
R-35a	Sandia			02/18/2020[e]	49.1	1013.1	1062.2	239.32	731.85	3.57
R-35a	Sandia			03/17/2020[e]	49.1	1013.1	1062.2	239.52	720.10	3.79
R-35b	Sandia			01/23/2020[b]	23.1	825.4	848.5	64.85	210.0	3.00
R-35b	Sandia			02/13/2020[e]	23.1	825.4	848.5	64.81	196.95	3.03
R-35b	Sandia			03/16/2020[e]	23.1	825.4	848.5	64.77	198.75	2.65
R-36	Sandia			01/14/2020[b]	23.0	766.9	789.9	41.73	133.20	3.33
R-43 S1	Sandia			01/09/2020[b]	20.7	903.9	924.6	62.35	195.00	1.56
R-43 S2	Sandia			01/09/2020[b]	10.0	969.1	979.1	25.50	78.50	1.57
R-44 S1	Mortandad			01/21/2020[b]	10.0	895.0	905.0	53.81	173.25	3.15
R-44 S1	Mortandad			02/20/2020[e]	10.0	895.0	905.0	53.58	165.00	3.00
R-44 S1	Mortandad			03/12/2020[e]	10.0	895.0	905.0	54.11	168.3	3.06
R-44 S2	Mortandad			01/21/2020[e]	9.9	985.3	995.2	76.40	244.50	3.26
R-44 S2	Mortandad			02/20/2020[e]	9.9	985.3	995.2	76.40	240.00	3.00
R-44 S2	Mortandad			03/12/2020[e]	9.9	985.3	995.2	76.40	270.00	3.00
R-45 S1	Mortandad			01/22/2020[b]	10.0	880.0	890.0	49.85	166.50	3.33
R-45 S1	Mortandad			02/28/2020[e]	10.0	880.0	890.0	49.69	156.00	3.12
R-45 S1	Mortandad			03/13/2020[e]	10.0	880.0	890.0	50.13	162.76	3.13
R-45 S2	Mortandad			01/22/2020[b]	20.0	974.9	994.9	91.80	293.40	3.26
R-45 S2	Mortandad			02/28/2020[e]	20.0	974.9	994.9	91.80	283.50	3.15
R-45 S2	Mortandad			03/13/2020[e]	20.0	974.9	994.9	91.80	281.70	3.13
R-50 S1	Mortandad			01/14/2020[b]	10.0	1077.0	1087.0	47.77	147.60	2.46
R-50 S1	Mortandad			02/12/2020[e]	10.0	1077.0	1087.0	47.65	150.00	2.00
R-50 S1	Mortandad			03/04/2020[e]	10.0	1077.0	1087.0	47.52	150.00	2.00
R-50 S2	Mortandad			01/10/2020[b]	20.6	1185.0	1205.6	96.49	344.00	2.15
R-50 S2	Mortandad			02/12/2020[e]	20.6	1185.0	1205.6	96.49	291.25	2.33

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[a])
		Monitoring Year	Quarter							
R-50 S2	Mortandad	2020	2	03/05/2020[e]	20.6	1185.0	1205.6	96.49	292.50	2.34
R-61 S1	Mortandad			01/08/2020[b]	10.0	1125.0	1135.0	56.23	177.30	1.97
R-61 S1	Mortandad			02/14/2020[e]	10.0	1125.0	1135.0	55.85	176.64	1.92
R-61 S1	Mortandad			03/06/2020[e]	10.0	1125.0	1135.0	55.61	174.60	1.94
R-62	Mortandad			01/22/2020[b]	20.7	1158.4	1179.1	41.69	141.75	4.05
R-67	Sandia			01/15/2020[b]	20.4	1242.6	1263.0	45.35	141.75	4.05
R-70 S1	Mortandad			Canceled[e]	37.1	872.8	909.9	—	—	—
R-70 S2	Mortandad			Canceled[e]	18.6	949.8	968.4	—	—	—
SIMR-2	Mortandad			01/16/2020[b]	20.4	885.0	905.4	57.40	172.80	3.84
SIMR-2	Mortandad			02/19/2020[e]	20.4	885.0	905.4	57.21	172.00	3.44
SIMR-2	Mortandad			03/18/2020[e]	20.4	885.0	905.4	57.50	176.50	3.53
R-1	Mortandad		3	Canceled[b]	26.3	1031.1	1057.4	—	—	—
R-11	Sandia			Canceled[e]	22.9	855.0	877.9	—	—	—
R-11	Sandia			Canceled[b]	22.9	855.0	877.9	—	—	—
R-11	Sandia			06/23/2020[e]	22.9	855.0	877.9	49.31	157.30	2.86
R-13	Mortandad			Canceled[b]	60.4	958.3	1018.7	—	—	—
R-15	Mortandad			Canceled[b]	61.7	958.6	1020.3	—	—	—
R-33 S1	Mortandad			Canceled[b]	23.0	995.5	1018.5	—	—	—
R-33 S2	Mortandad			Canceled[b]	9.9	1112.4	1122.3	—	—	—
R-35a	Sandia			Canceled[e]	49.1	1013.1	1062.2	—	—	—
R-35a	Sandia			Canceled[b]	49.1	1013.1	1062.2	—	—	—
R-35a	Sandia			06/29/2020[e]	49.1	1013.1	1062.2	232.50	699.2	3.80
R-35b	Sandia			Canceled[e]	23.1	825.4	848.5	—	—	—
R-35b	Sandia			Canceled[b]	23.1	825.4	848.5	—	—	—
R-35b	Sandia			06/26/2020[e]	23.1	825.4	848.5	64.68	205.80	2.94
R-36	Sandia			Canceled[b]	23.0	766.9	789.9	—	—	—

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[a])
		Monitoring Year	Quarter							
R-43 S1	Sandia	2020	3	Canceled[b]	20.7	903.9	924.6	—	—	—
R-43 S2	Sandia			Canceled[b]	10.0	969.1	979.1	—	—	—
R-44 S1	Mortandad			Canceled[e]	10.0	895.0	905.0	—	—	—
R-44 S1	Mortandad			Canceled[b]	10.0	895.0	905.0	—	—	—
R-44 S1	Mortandad			06/25/2020[e]	10.0	895.0	905.0	53.02	166.86	3.09
R-44 S2	Mortandad			Canceled[e]	9.9	985.3	995.2	—	—	—
R-44 S2	Mortandad			Canceled[b]	9.9	985.3	995.2	—	—	—
R-44 S2	Mortandad			06/26/2020[e]	9.9	985.3	995.2	76.40	231.75	3.09
R-45 S1	Mortandad			Canceled[e]	10.0	880.0	890.0	—	—	—
R-45 S1	Mortandad			Canceled[b]	10.0	880.0	890.0	—	—	—
R-45 S1	Mortandad			06/24/2020[e]	10.0	880.0	890.0	48.56	156.50	3.13
R-45 S2	Mortandad			Canceled[e]	20.0	974.9	994.9	—	—	—
R-45 S2	Mortandad			Canceled[b]	20.0	974.9	994.9	—	—	—
R-45 S2	Mortandad			06/24/2020[e]	20.0	974.9	994.9	91.80	281.70	3.13
R-50 S1	Mortandad			Canceled[e]	10.0	1077.0	1087.0	—	—	—
R-50 S1	Mortandad			Canceled[b]	10.0	1077.0	1087.0	—	—	—
R-50 S1	Mortandad			06/26/2020[e]	10.0	1077.0	1087.0	46.56	142.13	2.33
R-50 S2	Mortandad			Canceled[e]	20.6	1185.0	1205.6	—	—	—
R-50 S2	Mortandad			Canceled[b]	20.6	1185.0	1205.6	—	—	—
R-50 S2	Mortandad			06/26/2020[e]	20.6	1185.0	1205.6	96.49	302.90	2.33
R-61 S1	Mortandad			Canceled[e]	10.0	1125.0	1135.0	—	—	—
R-61 S1	Mortandad			Canceled[b]	10.0	1125.0	1135.0	—	—	—
R-61 S1	Mortandad			06/25/2020[e]	10.0	1125.0	1135.0	56.04	168.30	1.98
R-62	Mortandad			Canceled[b]	20.7	1158.4	1179.1	—	—	—
R-67	Sandia			Canceled[b]	20.4	1242.6	1263.0	—	—	—
R-70 S1	Mortandad			Canceled[b]	37.1	872.8	909.9	—	—	—

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[a])
		Monitoring Year	Quarter							
R-70 S2	Mortandad	2020	3	Canceled[b]	18.6	949.8	968.4	—	—	—
SIMR-2	Mortandad			Canceled[e]	20.4	885.0	905.4	—	—	—
SIMR-2	Mortandad			Canceled[b]	20.4	885.0	905.4	—	—	—
SIMR-2	Mortandad			06/29/2020[e]	20.4	885.0	905.4	56.66	176.50	3.53
R-1	Mortandad		4	08/17/2020[b]	26.3	1031.1	1057.4	60.22	183.15	3.33
R-11	Sandia			07/30/2020[e]	22.9	855.0	877.9	49.15	148.72	2.86
R-11	Sandia			08/05/2020[b]	22.9	855.0	877.9	49.13	148.50	2.97
R-11	Sandia			09/08/2020[e]	22.9	855.0	877.9	48.96	148.50	2.97
R-13	Mortandad			08/04/2020[b]	60.4	958.3	1018.7	153.39	475.00	5.00
R-15	Mortandad			08/04/2020[b]	61.7	958.6	1020.3	53.21	161.49	7.69
R-33 S1	Mortandad			08/14/2020[b]	23.0	995.5	1018.5	71.81	218.40	3.12
R-33 S2	Mortandad			08/14/2020[b]	9.9	1112.4	1122.3	40.43	126.00	2.80
R-35a	Sandia			07/24/2020[e]	49.1	1013.1	1062.2	231.11	707.25	3.45
R-35a	Sandia			08/12/2020[b]	49.1	1013.1	1062.2	230.76	703.95	3.61
R-35a	Sandia			09/09/2020[e]	49.1	1013.1	1062.2	234.88	722.00	3.61
R-35b	Sandia			07/30/2020[e]	23.1	825.4	848.5	64.58	196.52	2.89
R-35b	Sandia			08/12/2020[b]	23.1	825.4	848.5	64.55	195.00	3.00
R-35b	Sandia			09/08/2020[e]	23.1	825.4	848.5	64.77	207.90	2.97
R-36	Sandia			08/12/2020[b]	23.0	766.9	789.9	41.80	133.20	3.33
R-43 S1	Sandia			08/05/2020[b]	20.7	903.9	924.6	61.67	186.00	1.55
R-43 S2	Sandia			08/07/2020[b]	10.0	969.1	979.1	25.50	76.00	1.52
R-44 S1	Mortandad			07/29/2020[e]	10.0	895.0	905.0	53.00	200.85	3.09
R-44 S1	Mortandad			08/11/2020[b]	10.0	895.0	905.0	52.91	169.95	3.09

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[a])
		Monitoring Year	Quarter							
R-44 S1	Mortandad	2020	4	09/10/2020[e]	10.0	895.0	905.0	52.48	168.30	3.06
R-44 S2	Mortandad			07/29/2020[e]	9.9	985.3	995.2	76.40	240.00	3.00
R-44 S2	Mortandad			08/11/2020[b]	9.9	985.3	995.2	76.40	240.00	3.00
R-44 S2	Mortandad			09/10/2020[e]	9.9	985.3	995.2	76.40	240.00	3.00
R-45 S1	Mortandad			07/28/2020[e]	10.0	880.0	890.0	48.30	154.50	3.09
R-45 S1	Mortandad			08/11/2020[b]	10.0	880.0	890.0	48.25	150.00	3.00
R-45 S1	Mortandad			09/14/2020[e]	10.0	880.0	890.0	47.91	193.05	2.97
R-45 S2	Mortandad			07/28/2020[e]	20.0	974.9	994.9	91.80	287.85	3.03
R-45 S2	Mortandad			08/11/2020[b]	20.0	974.9	994.9	91.80	280.80	3.12
R-45 S2	Mortandad			09/14/2020[e]	20.0	974.9	994.9	91.80	281.70	3.13
R-50 S1	Mortandad			07/27/2020[e]	10.0	1077.0	1087.0	46.54	140.40	2.34
R-50 S1	Mortandad			08/10/2020[b]	10.0	1077.0	1087.0	46.57	141.60	2.36
R-50 S1	Mortandad			09/21/2020[e]	10.0	1077.0	1087.0	46.17	141.60	2.36
R-50 S2	Mortandad			07/27/2020[e]	20.6	1185.0	1205.6	96.49	302.50	2.42
R-50 S2	Mortandad			08/14/2020[b]	20.6	1185.0	1205.6	96.49	360.00	2.40
R-50 S2	Mortandad			09/22/2020[e]	20.6	1185.0	1205.6	96.49	297.50	2.38
R-61 S1	Mortandad			07/21/2020[e]	10.0	1125.0	1135.0	55.52	168.33	1.81
R-61 S1	Mortandad			08/10/2020[b]	10.0	1125.0	1135.0	55.18	174.60	1.94
R-61 S1	Mortandad			09/18/2020[e]	10.0	1125.0	1135.0	55.03	168.10	2.05
R-62	Mortandad			08/21/2020[b]	20.7	1158.4	1179.1	40.85	131.95	2.03
R-67	Sandia			08/20/2020[b]	20.4	1242.6	1263.0	45.28	141.75	4.05
R-70 S1	Mortandad			Canceled[e]	37.1	872.8	909.9	—	—	—
R-70 S1	Mortandad			08/04/2020[b]	37.1	872.8	909.9	213.45	656.60	9.38
R-70 S1	Mortandad			09/23/2020[e]	37.1	872.8	909.9	212.98	656.60	9.38
R-70 S2	Mortandad			Canceled[e]	18.6	949.8	968.4	—	—	—
R-70 S2	Mortandad			08/04/2020[b]	18.6	949.8	968.4	110.71	338.80	9.68

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[a])
		Monitoring Year	Quarter							
R-70 S2	Mortandad	2020	4	09/23/2020[e]	18.6	949.8	968.4	110.71	375.20	9.38
SIMR-2	Mortandad			07/22/2020[e]	20.4	885.0	905.4	56.43	178.50	3.57
SIMR-2	Mortandad			08/13/2020[b]	20.4	885.0	905.4	56.43	183.00	3.66
SIMR-2	Mortandad			09/25/2020[e]	20.4	885.0	905.4	56.25	176.50	3.53
R-1	Mortandad	2021	1	11/16/2020[b]	26.3	1031.1	1057.4	60.12	185.35	3.37
R-11	Sandia			10/06/2020[e]	22.9	855.0	877.9	48.36	158.40	2.88
R-11	Sandia			11/03/2020[b]	22.9	855.0	877.9	48.52	163.35	2.97
R-11	Sandia			12/08/2020[e]	22.9	855.0	877.9	48.29	145.50	2.91
R-13	Mortandad			11/13/2020[b]	60.4	958.3	1018.7	153.26	459.8	4.84
R-15	Mortandad			11/16/2020[b]	61.7	958.6	1020.3	53.51	173.58	7.89
R-33 S1	Mortandad			11/18/2020[b]	23.0	995.5	1018.5	71.63	221.20	3.16
R-33 S2	Mortandad			11/18/2020[b]	9.9	1112.4	1122.3	40.43	127.35	2.83
R-35a	Sandia			10/07/2020[e]	49.1	1013.1	1062.2	232.95	715.45	3,49
R-35a	Sandia			11/10/2020[b]	49.1	1013.1	1062.2	237.55	731.25	3.75
R-35a	Sandia			12/07/2020[e]	49.1	1013.1	1062.2	237.93	730.00	3.65
R-35b	Sandia			10/06/2020[e]	23.1	825.4	848.5	64.31	200.20	2.86
R-35b	Sandia			11/10/2020[b]	23.1	825.4	848.5	64.44	203.45	3.13
R-35b	Sandia			12/08/2020[e]	23.1	825.4	848.5	64.15	203.70	2.91
R-36	Sandia			11/10/2020[b]	23.0	766.9	789.9	43.12	139.60	3.49
R-43 S1	Sandia			11/19/2020[b]	20.7	903.9	924.6	61.17	185.40	1.43
R-43 S2	Sandia			11/03/2020[b]	10.0	969.1	979.1	25.50	81.95	1.49
R-44 S1	Mortandad			10/08/2020[e]	10.0	895.0	905.0	53.00	163.35	2.97
R-44 S1	Mortandad			11/17/2020[b]	10.0	895.0	905.0	52.35	168.30	3.06
R-44 S1	Mortandad			12/14/2020[e]	10.0	895.0	905.0	53.04	180.00	3.00
R-44 S2	Mortandad			10/08/2020[e]	9.9	985.3	995.2	76.40	242.40	3.03
R-44 S2	Mortandad			11/17/2020[b]	9.9	985.3	995.2	76.40	237.6	2.97

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[a])
		Monitoring Year	Quarter							
R-44 S2	Mortandad	2021	1	12/14/2020[e]	9.9	985.3	995.2	76.40	240.00	3.00
R-45 S1	Mortandad			10/09/2020[e]	10.0	880.0	890.0	48.93	151.50	3.03
R-45 S1	Mortandad			11/19/2020[b]	10.0	880.0	890.0	48.14	153.00	3.06
R-45 S1	Mortandad			12/16/2020[e]	10.0	880.0	890.0	48.07	153.00	3.06
R-45 S2	Mortandad			10/09/2020[e]	20.0	974.9	994.9	91.80	293.76	3.06
R-45 S2	Mortandad			11/19/2020[b]	20.0	974.9	994.9	91.80	281.70	3.13
R-45 S2	Mortandad			12/16/2020[e]	20.0	974.9	994.9	91.80	275.40	3.06
R-50 S1	Mortandad			10/13/2020[e]	10.0	1077.0	1087.0	46.54	140.40	2.34
R-50 S1	Mortandad			11/13/2020[b]	10.0	1077.0	1087.0	46.48	141.60	2.36
R-50 S1	Mortandad			12/17/2020[e]	10.0	1077.0	1087.0	46.87	144.00	2.40
R-50 S2	Mortandad			10/13/2020[e]	20.6	1185.0	1205.6	96.49	300.00	2.40
R-50 S2	Mortandad			11/20/2020[b]	20.6	1185.0	1205.6	96.49	297.60	2.48
R-50 S2	Mortandad			12/17/2020[e]	20.6	1185.0	1205.6	96.49	292.10	2.54
R-61 S1	Mortandad			10/16/2020[e]	10.0	1125.0	1135.0	54.91	167.45	1.97
R-61 S1	Mortandad			11/04/2020[b]	10.0	1125.0	1135.0	54.99	173.00	1.73
R-61 S1	Mortandad			12/04/2020[e]	10.0	1125.0	1135.0	55.12	168.30	1.98
R-62	Mortandad			11/06/2020[b]	20.7	1158.4	1179.1	40.50	137.50	2.75
R-67	Sandia			11/06/2020[b]	20.4	1242.6	1263.0	45.18	140.00	4.00
R-70 S1	Mortandad			10/15/2020[e]	37.1	872.8	909.9	212.61	658.00	9.40
R-70 S1	Mortandad			11/09/2020[b]	37.1	872.8	909.9	213.66	656.60	9.38
R-70 S1	Mortandad			12/03/2020[e]	37.1	872.8	909.9	212.43	681.75	9.09
R-70 S2	Mortandad			10/15/2020[e]	18.6	949.8	968.4	110.71	409.05	9.09
R-70 S2	Mortandad			11/09/2020[b]	18.6	949.8	968.4	110.71	400.00	10.00
R-70 S2	Mortandad			12/03/2020[e]	18.6	949.8	968.4	110.71	409.05	9.09

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[a])
		Monitoring Year	Quarter							
SIMR-2	Mortandad	2021	1	10/14/2020[e]	20.4	885.0	905.4	56.48	178.50	3.57
SIMR-2	Mortandad			11/12/2020[b]	20.4	885.0	905.4	56.46	185.00	3.70
SIMR-2	Mortandad			12/10/2020[e]	20.4	885.0	905.4	56.73	180.50	3.61

[a] gpm = Gallons per minute.

[b] Quarterly sampling event.

[c] — = Not applicable.

[d] SCI-1 is on the watch list because water volume is limited and field parameters do not stabilize; samples are collected regardless of field-parameter stability.

[e] Monthly sampling event.

[f] S1 = Screen 1.

[g] S2 = Screen 2.

Table 2.1-1
Chromium Investigation Monitoring Group PME Observations and Deviations

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
Quarterly Sampling						
2020	2	Mortandad	MCOI-5	No field or analytical data will be available for this site.	Canceled: insufficient water available to sample.	Well was purged dry 1/13/2020 and allowed to recharge overnight; well was canceled 1/14/2020 due to insufficient recharge.
			MCOI-6	3.01 CVs[a] purged	None	None
			R-13	3.03 CVs purged	None	None
			R-15	3.03 CVs purged	None	None
			R-33 S1[b]	3.01 CVs purged	None	None
			R-33 S2[c]	3.16 CVs purged	None	None
			R-44 S1	3.22 CVs purged	None	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
2020	2	Mortandad	R-44 S2	3.03 CVs purged	None	None
			R-45 S1	3.11 CVs purged	None	None
			R-45 S2	3.06 CVs purged	None	None
			R-50 S1	3.09 CVs purged	None	None
			R-50 S2	3.18 CVs purged	None	Extra 0.18 CV purged to allow DO to stabilize.
			R-61 S1	3.05 CVs purged	None	None
			R-62	3.40 CVs purged	None	None
			R-70 S1	n/a[d]	n/a	Canceled due to mechanical issues.
			R-70 S2	n/a	n/a	Canceled due to mechanical issues.
			SIMR-2	3.01 CVs purged	None	None
2020	2	Sandia	SCI-2	3.07 CVs purged	None	None
			R-11	3.07 CVs purged	None	None
			R-35a	3.03 CVs purged	None	None
			R-35b	3.07 CVs purged	None	None
			R-36	3.06 CVs purged	None	None
			R-43 S1	3.04 CVs purged	None	None
			R-43 S2	3.02 CVs purged	None	None
			R-67	3.13 CVs purged	None	None
2020	3	All locations	All locations	No field or analytical data will be available for MY 2020 Q3.	All locations canceled due to EMCA status in response to COVID-19 pandemic.	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
2020	4	Mortandad	MCOI-5	No field or analytical data will be available for this site.	Canceled: insufficient water available to sample.	Insufficient water to sample.
			MCOI-6	3.14 CVs purged	None	None
			R-11	3.04 CVs purged	None	None
			R-13	3.10 CVs purged	None	None
			R-15	3.03 CVs purged	None	None
			R-33 S1	3.04 CVs purged	None	None
			R-33 S2	3.12 CVs purged	None	None
			R-44 S1	3.21 CVs purged	None	None
			R-44 S2	3.14 CVs purged	None	None
			R-45 S1	3.11 CVs purged	None	None
			R-45 S2	3.06 CVs purged	None	None
			R-50 S1	3.04 CVs purged	None	None
			R-50 S2	3.73 CVs purged	Extra 0.73 CVs purged for dissolved oxygen stabilization.	None
			R-61 S1	3.16 CVs purged	None	None
			R-62	3.23 CVs purged	None	None
			R-70 S1	3.08 CVs purged	None	None
			R-70 S2	3.06 CVs purged	None	None
			SIMR-2	3.24 CVs purged	None	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
2020	4	Sandia	SCI-1	1.28 CVs purged	None	Sampled after one CV and drop pipe purged regardless of stability per IFGMP Table E requirements.
			SCI-2	3.04 CVs purged	None	None
			R-11	3.02 CVs purged	None	None
			R-35a	3.05 CVs purged	None	None
			R-35b	3.02 CVs purged	None	None
			R-36	3.19 CVs purged	None	None
			R-43 S1	3.02 CVs purged	None	None
			R-43 S2	2.98 CVs purged	Less than 3 CVs purged due to a miscalculation.	None
			R-67	3.13 CVs purged	None	None
2021	1	Mortandad	MCOI-5	No field or analytical data will be available for this site.	Cancelled: insufficient water available to sample.	Insufficient water available to sample.
			MCOI-6	3.06 CVs purged	None	None
			R-1	3.08 CVs purged	None	None
			R-13	3.00 CVs purged	None	None
			R-15	3.24 CVs purged	None	None
			R-33 S1	3.09 CVs purged	None	None
			R-33 S2	3.15 CVs purged	None	None
			R-44 S1	3.22 CVs purged	None	None
			R-44 S2	3.11 CVs purged	None	None
			R-45 S1	3.18 CVs purged	None	None
			R-45 S2	3.07 CVs purged	None	None
			R-50 S1	3.05 CVs purged	None	None
			R-50 S2	3.08 CVs purged	None	None
			R-61 S1	3.15 CVs purged	None	None
			R-62	3.39 CVs purged	None	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
2021	1	Mortandad	R-70 S1	3.07 CVs purged	None	None
			R-70 S2	3.61 CVs purged	None	None
			SIMR-2	3.28 CVs purged	None	None
2021	1	Sandia	SCI-1	1.19 CVs purged	None	Sampled after one casing volume and drop pipe purged regardless of stability per IFGMP Table E requirements.
			SCI-2	3.27 CVs purged	None	None
			R-11	3.37 CVs purged	None	None
			R-35a	3.08 CVs purged	None	None
			R-35b	3.16 CVs purged	None	None
			R-36	3.24 CVs purged	None	None
			R-43 S1	3.04 CVs purged	None	None
			R-43 S2	3.21 CVs purged	None	None
			R-67	3.10 CVs purged	None	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
All 2020 PMEs in this PMR	All 2020 PMEs in this PMR	Mortandad and Sandia	All sites where SVOCs are analyzed	The 2020 IFGMP Table B-4.1-1 (N3B 2019, 700451) specifies a requirement to analyze methylphenol[4-], CAS[d] 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[e] catalog of services includes m,p-cresols and does not include m-cresol or p-cresol. GELC's certificate of analysis identifies m,p-cresols CAS 65794-96-9.	None
All 2020 PMEs in this PMR	All 2020 PMEs in this PMR	Mortandad and Sandia	All sites where SVOCs are analyzed	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

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
All 2020 PMEs in this PMR	All 2020 PMEs in this PMR	Mortandad and Sandia	All sites where SVOCs are analyzed	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
Monthly Sampling						
2020	2 – Feb	Sandia	R-11	3.27 CVs purged	None	None
			R-35a	3.06 CVs purged	None	None
			R-35b	3.04 CVs purged	None	None
		Mortandad	R-44 S1	3.08 CVs purged	None	None
			R-44 S2	3.14 CVs purged	None	None
			R-45 S1	3.14 CVs purged	None	None
			R-45 S2	3.09 CVs purged	None	None
			R-50 S1	3.15 CVs purged	None	None
			R-50 S2	3.02 CVs purged	An extra 0.55 CV purged.	Extra CV purged to allow dissolved oxygen to stabilize.
			R-61 S1	3.16 CVs purged	None	None
			SIMR-2	3.01 CVs purged	None	None

Table 2.1-1 (continued)

Sampling Event						
Monitoring Year	Quarter	Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
2020	2 – Mar	Sandia	R-11	3.27 CVs purged	None	None
			R-35a	3.01 CVs purged	None	None
			R-35b	3.07 CVs purged	None	None
		Mortandad	R-44 S1	3.15 CVs purged	None	None
			R-44 S2	3.53 CVs purged	None	None
			R-45 S1	3.25 CVs purged	None	None
			R-45 S2	3.07 CVs purged	None	None
			R-50 S1	3.16 CVs purged	None	None
			R-50 S2	3.03 CVs purged	None	None
			SIMR-2	3.07 CVs purged	None	None
2020	3 – Apr	Sandia and Mortandad	All locations	No field or analytical data will be available for MY 2020 Q3.	All locations canceled: COVID-19 pandemic	None
2020	3 – June	Sandia	R-11	3.19 CVs purged	None	None
			R-35a	3.01 CVs purged	None	None
			R-35b	3.18 CVs purged	None	None
		Mortandad	R-44 S1	3.15 CVs purged	None	None
			R-44 S2	3.03 CVs purged	None	None
			R-45 S1	3.22 CVs purged	None	None
			R-45 S2	3.07 CVs purged	None	None
			R-50 S1	3.05 CVs purged	None	None
			R-50 S2	3.14 CVs purged	None	None
			R-61 S1	3.00 CVs purged	None	None
			SIMR-2	3.12 CVs purged	None	None
2020	4 – Jul	Sandia	R-11	3.03 CVs purged	None	None
			R-35a	3.06 CVs purged	None	None
			R-35b	3.04 CVs purged	None	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
2020		Mortandad	R-44 S1	3.79 CVs purged	None	None
			R-44 S2	3.14 CVs purged	None	None
			R-45 S1	3.20 CVs purged	None	None
			R-45 S2	3.14 CVs purged	None	None
			R-50 S1	3.02 CVs purged	None	None
			R-50 S2	3.14 CVs purged	None	None
			R-61 S1	3.03 CVs purged	None	None
			SIMR-2	3.16 CVs purged	None	None
2020	4 – Sept	Sandia	R-11	3.03 CVs purged	None	None
			R-35a	3.07 CVs purged	None	None
			R-35b	3.21 CVs purged	None	None
		Mortandad	R-44 S1	3.21 CVs purged	None	None
			R-44 S2	3.14 CVs purged	None	None
			R-45 S1	4.03 CVs purged	None	None
			R-45 S2	3.07 CVs purged	None	None
			R-50 S1	3.07 CVs purged	None	None
			R-50 S2	3.08 CVs purged	None	None
			R-61 S1	3.05 CVs purged	None	None
			R-70 S1	3.08 CVs purged	None	None
			R-70 S2	3.39 CVs purged	None	None
			SIMR-2	3.14 CVs purged	None	None

Table 2.1-1 (continued)

Sampling Event						
Monitoring Year	Quarter	Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
2021	1-Oct	Sandia	R-11	3.28 CVs purged	None	None
			R-35a	3.07 CVs purged	None	None
			R-35b	3.11 CVs purged	None	None
		Mortandad	R-44 S1	3.08 CVs purged	None	None
			R-44 S2	3.17 CVs purged	None	None
			R-45 S1	3.10 CVs purged	None	None
			R-45 S2	3.20 CVs purged	None	None
			R-50 S1	3.02 CVs purged	None	None
			R-50 S2	3.11 CVs purged	None	None
			R-61 S1	3.05 CVs purged	None	None
			R-70 S1	3.09 CVs purged	None	None
			R-70 S2	3.69 CVs purged	Extra CVs purged.	Purged extra 0.69 CVs to allow dissolved oxygen to stabilize.
			SIMR-2	3.16 CVs purged	None	None
	1-Dec	Sandia	R-11	3.01 CVs purged	None	None
			R-35a	3.07 CVs purged	None	None
			R-35b	3.17 CVs purged	None	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Cause	Comments
Monitoring Year	Quarter					
2021	1-Dec	Mortandad	R-44 S1	3.39 CVs purged	Extra CVs purged	One extra parameter recorded for dissolved oxygen to stabilize
			R-44 S2	3.14 CVs purged	None	None
			R-45 S1	3.18 CVs purged	None	None
			R-45 S2	3.00 CVs purged	None	None
			R-50 S1	3.07 CVs purged	None	None
			R-50 S2	3.03 CVs purged	None	None
			R-61 S1	3.05 CVs purged	None	None
			R-70 S1	3.21 CVs purged	None	None
			R-61 S1	3.05 CVs purged	None	None
			R-70 S1	3.21 CVs purged	None	None
			R-70 S2	3.69 CVs purged	Extra CVs purged.	Purge continued after 3 CVs due to dissolved oxygen not within stability.
			SIMR-2	3.05 CVs purged	None	None

[a] CVs = Casing volumes.

[b] S1 = Screen 1.

[c] S2 = Screen 2.

[d] n/a = Not applicable.

[e] CAS = Chemical Abstracts Service.

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

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
Semivolatile Organic Compounds						
Benzidine	3.75–3.9	SW-846:8270D	0.00109	µg/L	NMED A1 TAP SCRN LVL[a]	GELC[b]
Benzo(a)anthracene	0.288–0.3	SW-846:8270D	0.12	µg/L	NMED A1 TAP SCRN LVL	GELC
Benzo(a)pyrene	0.288–0.3	SW-846:8270D	0.2	µg/L	NM GW STD[c]	GELC
Bis(2-chloroethyl)ether	2.88–3.0	SW-846:8270D	0.137	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibenz(a,h)anthracene	0.288–0.3	SW-846:8270D	0.0343	µg/L	NMED A1 TAP SCRN LVL	GELC
Dichlorobenzidine[3,3'-]	2.88–3.0	SW-846:8270D	1.25	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitro-2-methylphenol[4,6-]	2.88–3.0	SW-846:8270D	1.52	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,4-]	2.88–3.0	SW-846:8270D	2.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,6-]	2.88–3.0	SW-846:8270D	0.485	µg/L	NMED A1 TAP SCRN LVL	GELC
Diphenylhydrazine[1,2-]	2.88–3.0	SW-846:8270D	0.78	µg/L	NMED A1 TAP SCRN LVL	GELC
Hexachlorobenzene	2.88–3.0	SW-846:8270D	1	µg/L	EPA MCL[d]	GELC
Hexachlorobutadiene	2.88–3.0	SW-846:8270D	1.39	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrobenzene	2.88–3.0	SW-846:8270D	1.4	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	2.88–3.0	SW-846:8270D	0.0273	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-propylamine[N-]	2.88–3.0	SW-846:8270D	0.11	µg/L	EPA TAP SCRN LVL[e]	GELC
Nitrosodiethylamine[N-]	2.88–3.0	SW-846:8270D	0.00167	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	2.88–3.0	SW-846:8270D	0.00491	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosopyrrolidine[N-]	2.88–3.0	SW-846:8270D	0.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Pentachlorophenol	2.88–3.0	SW-846:8270D	1	µg/L	NM GW STD	GELC
Tetrachlorobenzene[1,2,4,5]	2.88–3.0	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] GELC = GEL Laboratories, LLC, Division of the GEL Group, Charleston, SC.

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

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

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

Table 5.2-1
Chromium Investigation 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							
Perched-Intermediate										
MCOI-6	Mortandad	2020	2	01/13/2020	Chromium	F[a]	62.4	µg/L	50	NM GW STD[b]
MCOI-6	Mortandad	2020	4	08/17/2020	Chromium	F	61.0	µg/L	50	NM GW STD
MCOI-6	Mortandad	2021	1	11/09/2020	Chromium	F	60.1	µg/L	50	NM GW STD
MCOI-6	Mortandad	2020	4	08/17/2020	Dioxane[1,4-]	UF[c]	14.1	µg/L	4.59	NMED A1 TAP SCRN LVL[d]
MCOI-6	Mortandad	2021	1	11/09/2020	Dioxane[1,4-]	UF	25.0	µg/L	4.59	NMED A1 TAP SCRN LVL
MCOI-6	Mortandad	2020	2	01/13/2020	Nitrate-Nitrite as Nitrogen	F	12.3	mg/L	10	EPA MCL[e]
MCOI-6	Mortandad	2020	4	08/17/2020	Nitrate-Nitrite as Nitrogen	F	11.6	mg/L	10	EPA MCL
MCOI-6	Mortandad	2021	1	11/09/2020	Nitrate-Nitrite as Nitrogen	F	11.9	mg/L	10	EPA MCL
MCOI-6	Mortandad	2020	2	01/13/2020	Perchlorate	F	96.6	µg/L	13.8	NMED A1 TAP SCRN LVL
MCOI-6	Mortandad	2020	4	08/17/2020	Perchlorate	F	73.7	µg/L	13.8	NMED A1 TAP SCRN LVL
MCOI-6	Mortandad	2021	1	11/09/2020	Perchlorate	F	97.9	µg/L	13.8	NMED A1 TAP SCRN LVL
SCI-2	Sandia	2020	1	01/23/2020	Chromium	F	262.0	µg/L	50	NM GW STD
SCI-2	Sandia	2020	4	08/06/2020	Chromium	F	262.0	µg/L	50	NM GW STD
SCI-2	Sandia	2021	1	11/04/2020	Chromium	F	244.0	µg/L	50	NM GW STD

Table 5.2-1 (continued)

Location	Watershed	Sampling Event		Sample Collection Date	Analyte	Field Prep Code	Result	Unit	Screening Value	Screening-Value Type
		MY[a]	Quarter							
Regional										
R-43 S1[f]	Sandia	2020	1	01/09/2020	Chromium	F	215.0	µg/L	50	NM GW STD
R-43 S1	Sandia	2020	4	08/05/2020	Chromium	F	194.0	µg/L	50	NM GW STD
R-43 S1	Sandia	2021	1	11/19/2020	Chromium	F	202.0	µg/L	50	NM GW STD
R-45 S2[g]	Mortandad	2021	1	12/16/2020	Chromium	F	55.0	µg/L	50	NM GW STD
R-62	Mortandad	2020	4	08/21/2020	Chromium	F	287.0	µg/L	50	NM GW STD
R-62	Mortandad	2021	1	11/06/2020	Chromium	F	346.0	µg/L	50	NM GW STD
R-70 S1	Mortandad	2021	1	11/09/2020	Benzo(a)anthracene	UF	0.373	µg/L	0.12	NMED A1 TAP SCRN LVL
R-70 S1	Mortandad	2021	1	11/09/2020	Benzo(b)fluoranthene	UF	0.589	µg/L	0.343	NMED A1 TAP SCRN LVL
R-70 S2	Mortandad	2020	4	08/04/2020	Chromium	F	268.0	µg/L	50	NM GW STD
R-70 S2	Mortandad	2020	4	09/23/2020	Chromium	F	264.0	µg/L	50	NM GW STD
R-70 S2	Mortandad	2021	1	10/15/2020	Chromium	F	255.0	µg/L	50	NM GW STD
R-70 S2	Mortandad	2021	1	11/09/2020	Chromium	F	256.0	µg/L	50	NM GW STD
R-70 S2	Mortandad	2021	1	12/03/2020	Chromium	F	250.0	µg/L	50	NM GW STD

[a] F = Filtered.

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

[c] UF = Unfiltered.

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

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

[f] S1 = Screen 1.

[g] S2 = Screen 2.

Appendix A

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

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
260290	MCOI-6	686.0	01/09/2019	WG[a]	Dissolved Oxygen	7.35	mg/L	CAMO-19-165954
277867	MCOI-6	686.0	05/13/2019	WG	Dissolved Oxygen	7.24	mg/L	CAMO-19-175132
287329	MCOI-6	686.0	07/23/2019	WG	Dissolved Oxygen	7.4	mg/L	CAMO-19-181824
304594	MCOI-6	686.0	11/14/2019	WG	Dissolved Oxygen	7.31	mg/L	CAMO-20-189134
—[b]	MCOI-6	686.0	01/13/2020	WG	Dissolved Oxygen	7.09	mg/L	—
332436	MCOI-6	686.0	08/17/2020	WG	Dissolved Oxygen	7.18	mg/L	CAMO-20-205882
348883	MCOI-6	686.0	11/09/2020	WG	Dissolved Oxygen	7.16	mg/L	CAMO-21-210516
260347	MCOI-6	686.0	01/09/2019	WG	Flow (in gpm[c])	1.32	gpm	CAMO-19-165954
277866	MCOI-6	686.0	05/13/2019	WG	Flow (in gpm)	1.24	gpm	CAMO-19-175132
287328	MCOI-6	686.0	07/23/2019	WG	Flow (in gpm)	1.38	gpm	CAMO-19-181824
304593	MCOI-6	686.0	11/14/2019	WG	Flow (in gpm)	1.19	gpm	CAMO-20-189134
—	MCOI-6	686.0	01/13/2020	WG	Flow (in gpm)	1.25	gpm	—
332435	MCOI-6	686.0	08/17/2020	WG	Flow (in gpm)	1.15	gpm	CAMO-20-205882
348882	MCOI-6	686.0	11/09/2020	WG	Flow (in gpm)	1.16	gpm	CAMO-21-210516
260292	MCOI-6	686.0	01/09/2019	WG	Oxidation-Reduction Potential	270.7	mV	CAMO-19-165954
277868	MCOI-6	686.0	05/13/2019	WG	Oxidation-Reduction Potential	197.3	mV	CAMO-19-175132
287330	MCOI-6	686.0	07/23/2019	WG	Oxidation-Reduction Potential	255.3	mV	CAMO-19-181824
304555	MCOI-6	686.0	11/14/2019	WG	Oxidation-Reduction Potential	147.3	mV	CAMO-20-189134
—	MCOI-6	686.0	01/13/2020	WG	Oxidation-Reduction Potential	-6.5	mV	—
332438	MCOI-6	686.0	08/17/2020	WG	Oxidation-Reduction Potential	160.3	mV	CAMO-20-205882
348885	MCOI-6	686.0	11/09/2020	WG	Oxidation-Reduction Potential	186.1	mV	CAMO-21-210516
260294	MCOI-6	686.0	01/09/2019	WG	pH	7.21	SU[d]	CAMO-19-165954
277870	MCOI-6	686.0	05/13/2019	WG	pH	7.16	SU	CAMO-19-175132
287332	MCOI-6	686.0	07/23/2019	WG	pH	7.18	SU	CAMO-19-181824
304557	MCOI-6	686.0	11/14/2019	WG	pH	7.18	SU	CAMO-20-189134
—	MCOI-6	686.0	01/13/2020	WG	pH	7	SU	—
332476	MCOI-6	686.0	08/17/2020	WG	pH	7	SU	CAMO-20-205882

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
348805	MCOI-6	686.0	11/09/2020	WG	pH	6.98	SU	CAMO-21-210516
260349	MCOI-6	686.0	01/09/2019	WG	Specific Conductance	550	µs/cm	CAMO-19-165954
277908	MCOI-6	686.0	05/13/2019	WG	Specific Conductance	547	µs/cm	CAMO-19-175132
287382	MCOI-6	686.0	07/23/2019	WG	Specific Conductance	544	µs/cm	CAMO-19-181824
304559	MCOI-6	686.0	11/14/2019	WG	Specific Conductance	537	µs/cm	CAMO-20-189134
—	MCOI-6	686.0	01/13/2020	WG	Specific Conductance	536	µs/cm	—
332478	MCOI-6	686.0	08/17/2020	WG	Specific Conductance	530	µs/cm	CAMO-20-205882
348807	MCOI-6	686.0	11/09/2020	WG	Specific Conductance	529	µs/cm	CAMO-21-210516
260350	MCOI-6	686.0	01/09/2019	WG	Temperature	14	deg C	CAMO-19-165954
277909	MCOI-6	686.0	05/13/2019	WG	Temperature	16.8	deg C	CAMO-19-175132
287383	MCOI-6	686.0	07/23/2019	WG	Temperature	16.3	deg C	CAMO-19-181824
304560	MCOI-6	686.0	11/14/2019	WG	Temperature	15.2	deg C	CAMO-20-189134
—	MCOI-6	686.0	01/13/2020	WG	Temperature	14.8	deg C	—
332479	MCOI-6	686.0	08/17/2020	WG	Temperature	16.7	deg C	CAMO-20-205882
348808	MCOI-6	686.0	11/09/2020	WG	Temperature	15.3	deg C	CAMO-21-210516
260352	MCOI-6	686.0	01/09/2019	WG	Turbidity	0.67	NTU[e]	CAMO-19-165954
277911	MCOI-6	686.0	05/13/2019	WG	Turbidity	0.77	NTU	CAMO-19-175132
287385	MCOI-6	686.0	07/23/2019	WG	Turbidity	0.84	NTU	CAMO-19-181824
304595	MCOI-6	686.0	11/14/2019	WG	Turbidity	0.58	NTU	CAMO-20-189134
—	MCOI-6	686.0	01/13/2020	WG	Turbidity	0.68	NTU	—
332481	MCOI-6	686.0	08/17/2020	WG	Turbidity	0.65	NTU	CAMO-20-205882
348887	MCOI-6	686.0	11/09/2020	WG	Turbidity	0.42	NTU	CAMO-21-210516
234066	R-1	1031.1	05/10/2018	WG	Dissolved Oxygen	6.08	mg/L	CAMO-18-153985
255377	R-1	1031.1	11/08/2018	WG	Dissolved Oxygen	5.9	mg/L	CAMO-19-163974
278297	R-1	1031.1	05/13/2019	WG	Dissolved Oxygen	5.95	mg/L	CAMO-19-175136
303632	R-1	1031.1	11/08/2019	WG	Dissolved Oxygen	5.82	mg/L	CAMO-20-189137
332301	R-1	1031.1	08/17/2020	WG	Dissolved Oxygen	5.9	mg/L	CAMO-20-205906

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
350884	R-1	1031.1	11/16/2020	WG	Dissolved Oxygen	5.95	mg/L	CAMO-21-210523
234065	R-1	1031.1	05/10/2018	WG	Flow (in gpm)	3.26	gpm	CAMO-18-153985
255376	R-1	1031.1	11/08/2018	WG	Flow (in gpm)	3.3	gpm	CAMO-19-163974
278296	R-1	1031.1	05/13/2019	WG	Flow (in gpm)	3.33	gpm	CAMO-19-175136
303577	R-1	1031.1	11/08/2019	WG	Flow (in gpm)	3.33	gpm	CAMO-20-189137
332366	R-1	1031.1	08/17/2020	WG	Flow (in gpm)	3.33	gpm	CAMO-20-205906
350883	R-1	1031.1	11/16/2020	WG	Flow (in gpm)	3.37	gpm	CAMO-21-210523
233997	R-1	1031.1	05/10/2018	WG	Oxidation-Reduction Potential	118.4	mV	CAMO-18-153985
255429	R-1	1031.1	11/08/2018	WG	Oxidation-Reduction Potential	300.2	mV	CAMO-19-163974
278299	R-1	1031.1	05/13/2019	WG	Oxidation-Reduction Potential	125.1	mV	CAMO-19-175136
303634	R-1	1031.1	11/08/2019	WG	Oxidation-Reduction Potential	119.8	mV	CAMO-20-189137
332303	R-1	1031.1	08/17/2020	WG	Oxidation-Reduction Potential	93.7	mV	CAMO-20-205906
350854	R-1	1031.1	11/16/2020	WG	Oxidation-Reduction Potential	126.6	mV	CAMO-21-210523
233999	R-1	1031.1	05/10/2018	WG	pH	7.78	SU[c]	CAMO-18-153985
255378	R-1	1031.1	11/08/2018	WG	pH	7.75	SU	CAMO-19-163974
278223	R-1	1031.1	05/13/2019	WG	pH	7.86	SU	CAMO-19-175136
303636	R-1	1031.1	11/08/2019	WG	pH	7.93	SU	CAMO-20-189137
332305	R-1	1031.1	08/17/2020	WG	pH	8.04	SU	CAMO-20-205906
350856	R-1	1031.1	11/16/2020	WG	pH	7.73	SU	CAMO-21-210523
234067	R-1	1031.1	05/10/2018	WG	Specific Conductance	137.7	µs/cm	CAMO-18-153985
255380	R-1	1031.1	11/08/2018	WG	Specific Conductance	139.3	µs/cm	CAMO-19-163974
278225	R-1	1031.1	05/13/2019	WG	Specific Conductance	137.9	µs/cm	CAMO-19-175136
303638	R-1	1031.1	11/08/2019	WG	Specific Conductance	138.1	µs/cm	CAMO-20-189137
332368	R-1	1031.1	08/17/2020	WG	Specific Conductance	139.1	µs/cm	CAMO-20-205906
350858	R-1	1031.1	11/16/2020	WG	Specific Conductance	138.8	µs/cm	CAMO-21-210523
234068	R-1	1031.1	05/10/2018	WG	Temperature	22.1	deg C	CAMO-18-153985
255459	R-1	1031.1	11/08/2018	WG	Temperature	20.8	deg C	CAMO-19-163974

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
278226	R-1	1031.1	05/13/2019	WG	Temperature	21.6	deg C	CAMO-19-175136
303578	R-1	1031.1	11/08/2019	WG	Temperature	21.5	deg C	CAMO-20-189137
332369	R-1	1031.1	08/17/2020	WG	Temperature	22.2	deg C	CAMO-20-205906
350886	R-1	1031.1	11/16/2020	WG	Temperature	21.7	deg C	CAMO-21-210523
234070	R-1	1031.1	05/10/2018	WG	Turbidity	0.3	NTU[d]	CAMO-18-153985
255461	R-1	1031.1	11/08/2018	WG	Turbidity	0.53	NTU	CAMO-19-163974
278301	R-1	1031.1	05/13/2019	WG	Turbidity	0.38	NTU	CAMO-19-175136
303580	R-1	1031.1	11/08/2019	WG	Turbidity	0.49	NTU	CAMO-20-189137
332371	R-1	1031.1	08/17/2020	WG	Turbidity	0.61	NTU	CAMO-20-205906
350888	R-1	1031.1	11/16/2020	WG	Turbidity	0.86	NTU	CAMO-21-210523
293203	R-11	855.0	09/16/2019	WG	Dissolved Oxygen	6.83	mg/L	CASA-19-186478
296235	R-11	855.0	10/09/2019	WG	Dissolved Oxygen	7.16	mg/L	CASA-20-188125
305007	R-11	855.0	11/18/2019	WG	Dissolved Oxygen	7.03	mg/L	CASA-20-189207
307888	R-11	855.0	12/04/2019	WG	Dissolved Oxygen	7.05	mg/L	CASA-20-190649
310734	R-11	855.0	01/08/2020	WG	Dissolved Oxygen	6.94	mg/L	CASA-20-192771
315721	R-11	855.0	02/13/2020	WG	Dissolved Oxygen	7.04	mg/L	CASA-20-193859
319403	R-11	855.0	03/16/2020	WG	Dissolved Oxygen	7.05	mg/L	CASA-20-196224
326259	R-11	855.0	06/23/2020	WG	Dissolved Oxygen	7.08	mg/L	CASA-20-198492
328968	R-11	855.0	07/30/2020	WG	Dissolved Oxygen	6.82	mg/L	CASA-20-205406
330068	R-11	855.0	08/05/2020	WG	Dissolved Oxygen	7.06	mg/L	CASA-20-198983
336108	R-11	855.0	09/08/2020	WG	Dissolved Oxygen	7.07	mg/L	CASA-20-205975
340877	R-11	855.0	10/06/2020	WG	Dissolved Oxygen	7	mg/L	CASA-21-208124
347800	R-11	855.0	11/03/2020	WG	Dissolved Oxygen	6.94	mg/L	CASA-21-210525
354324	R-11	855.0	12/08/2020	WG	Dissolved Oxygen	6.86	mg/L	CASA-21-210991
293202	R-11	855.0	09/16/2019	WG	Flow (in gpm)	2.89	gpm	CASA-19-186478
296234	R-11	855.0	10/09/2019	WG	Flow (in gpm)	2.94	gpm	CASA-20-188125
305006	R-11	855.0	11/18/2019	WG	Flow (in gpm)	2.91	gpm	CASA-20-189207

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
307887	R-11	855.0	12/04/2019	WG	Flow (in gpm)	2.94	gpm	CASA-20-190649
310733	R-11	855.0	01/08/2020	WG	Flow (in gpm)	2.91	gpm	CASA-20-192771
315720	R-11	855.0	02/13/2020	WG	Flow (in gpm)	2.88	gpm	CASA-20-193859
319402	R-11	855.0	03/16/2020	WG	Flow (in gpm)	2.88	gpm	CASA-20-196224
326258	R-11	855.0	06/23/2020	WG	Flow (in gpm)	2.86	gpm	CASA-20-198492
328967	R-11	855.0	07/30/2020	WG	Flow (in gpm)	2.86	gpm	CASA-20-205406
330067	R-11	855.0	08/05/2020	WG	Flow (in gpm)	2.97	gpm	CASA-20-198983
336107	R-11	855.0	09/08/2020	WG	Flow (in gpm)	2.97	gpm	CASA-20-205975
340876	R-11	855.0	10/06/2020	WG	Flow (in gpm)	2.88	gpm	CASA-21-208124
347799	R-11	855.0	11/03/2020	WG	Flow (in gpm)	2.97	gpm	CASA-21-210525
354323	R-11	855.0	12/08/2020	WG	Flow (in gpm)	2.91	gpm	CASA-21-210991
293194	R-11	855.0	09/16/2019	WG	Oxidation-Reduction Potential	161	mV	CASA-19-186478
296237	R-11	855.0	10/09/2019	WG	Oxidation-Reduction Potential	157.5	mV	CASA-20-188125
305009	R-11	855.0	11/18/2019	WG	Oxidation-Reduction Potential	225.7	mV	CASA-20-189207
307890	R-11	855.0	12/04/2019	WG	Oxidation-Reduction Potential	165	mV	CASA-20-190649
310769	R-11	855.0	01/08/2020	WG	Oxidation-Reduction Potential	178.9	mV	CASA-20-192771
315795	R-11	855.0	02/13/2020	WG	Oxidation-Reduction Potential	170.4	mV	CASA-20-193859
319454	R-11	855.0	03/16/2020	WG	Oxidation-Reduction Potential	161.6	mV	CASA-20-196224
326261	R-11	855.0	06/23/2020	WG	Oxidation-Reduction Potential	137.9	mV	CASA-20-198492
328970	R-11	855.0	07/30/2020	WG	Oxidation-Reduction Potential	161.9	mV	CASA-20-205406
330070	R-11	855.0	08/05/2020	WG	Oxidation-Reduction Potential	178.1	mV	CASA-20-198983
336110	R-11	855.0	09/08/2020	WG	Oxidation-Reduction Potential	172.8	mV	CASA-20-205975
340879	R-11	855.0	10/06/2020	WG	Oxidation-Reduction Potential	168.4	mV	CASA-21-208124
347802	R-11	855.0	11/03/2020	WG	Oxidation-Reduction Potential	124.8	mV	CASA-21-210525
354326	R-11	855.0	12/08/2020	WG	Oxidation-Reduction Potential	199.8	mV	CASA-21-210991
293228	R-11	855.0	09/16/2019	WG	pH	8.2	SU	CASA-19-186478
296166	R-11	855.0	10/09/2019	WG	pH	8.07	SU	CASA-20-188125

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
305011	R-11	855.0	11/18/2019	WG	pH	8.03	SU	CASA-20-189207
307896	R-11	855.0	12/04/2019	WG	pH	8.11	SU	CASA-20-190649
310771	R-11	855.0	01/08/2020	WG	pH	8.13	SU	CASA-20-192771
315797	R-11	855.0	02/13/2020	WG	pH	8.13	SU	CASA-20-193859
319404	R-11	855.0	03/16/2020	WG	pH	8.11	SU	CASA-20-196224
326267	R-11	855.0	06/23/2020	WG	pH	8.32	SU	CASA-20-198492
328905	R-11	855.0	07/30/2020	WG	pH	8.22	SU	CASA-20-205406
330021	R-11	855.0	08/05/2020	WG	pH	8.18	SU	CASA-20-198983
336112	R-11	855.0	09/08/2020	WG	pH	7.93	SU	CASA-20-205975
340852	R-11	855.0	10/06/2020	WG	pH	8.07	SU	CASA-21-208124
347687	R-11	855.0	11/03/2020	WG	pH	8.07	SU	CASA-21-210525
354402	R-11	855.0	12/08/2020	WG	pH	8.15	SU	CASA-21-210991
293230	R-11	855.0	09/16/2019	WG	Specific Conductance	222.8	µs/cm	CASA-19-186478
296168	R-11	855.0	10/09/2019	WG	Specific Conductance	221.1	µs/cm	CASA-20-188125
305074	R-11	855.0	11/18/2019	WG	Specific Conductance	220.6	µs/cm	CASA-20-189207
307892	R-11	855.0	12/04/2019	WG	Specific Conductance	222.6	µs/cm	CASA-20-190649
310773	R-11	855.0	01/08/2020	WG	Specific Conductance	218.5	µs/cm	CASA-20-192771
315799	R-11	855.0	02/13/2020	WG	Specific Conductance	222.6	µs/cm	CASA-20-193859
319465	R-11	855.0	03/16/2020	WG	Specific Conductance	221.9	µs/cm	CASA-20-196224
326263	R-11	855.0	06/23/2020	WG	Specific Conductance	226	µs/cm	CASA-20-198492
328907	R-11	855.0	07/30/2020	WG	Specific Conductance	226	µs/cm	CASA-20-205406
330023	R-11	855.0	08/05/2020	WG	Specific Conductance	225.1	µs/cm	CASA-20-198983
336114	R-11	855.0	09/08/2020	WG	Specific Conductance	223.9	µs/cm	CASA-20-205975
340854	R-11	855.0	10/06/2020	WG	Specific Conductance	223.8	µs/cm	CASA-21-208124
347689	R-11	855.0	11/03/2020	WG	Specific Conductance	218.9	µs/cm	CASA-21-210525
354404	R-11	855.0	12/08/2020	WG	Specific Conductance	222.5	µs/cm	CASA-21-210991
293205	R-11	855.0	09/16/2019	WG	Temperature	21.7	deg C	CASA-19-186478

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
296169	R-11	855.0	10/09/2019	WG	Temperature	21.7	deg C	CASA-20-188125
305075	R-11	855.0	11/18/2019	WG	Temperature	21.4	deg C	CASA-20-189207
307893	R-11	855.0	12/04/2019	WG	Temperature	21.2	deg C	CASA-20-190649
310774	R-11	855.0	01/08/2020	WG	Temperature	20.2	deg C	CASA-20-192771
315800	R-11	855.0	02/13/2020	WG	Temperature	21.3	deg C	CASA-20-193859
319466	R-11	855.0	03/16/2020	WG	Temperature	21.6	deg C	CASA-20-196224
326264	R-11	855.0	06/23/2020	WG	Temperature	21.7	deg C	CASA-20-198492
328908	R-11	855.0	07/30/2020	WG	Temperature	22	deg C	CASA-20-205406
330024	R-11	855.0	08/05/2020	WG	Temperature	21.9	deg C	CASA-20-198983
336115	R-11	855.0	09/08/2020	WG	Temperature	21.6	deg C	CASA-20-205975
340855	R-11	855.0	10/06/2020	WG	Temperature	21.8	deg C	CASA-21-208124
347690	R-11	855.0	11/03/2020	WG	Temperature	21.6	deg C	CASA-21-210525
354405	R-11	855.0	12/08/2020	WG	Temperature	21.3	deg C	CASA-21-210991
293207	R-11	855.0	09/16/2019	WG	Turbidity	0.27	NTU	CASA-19-186478
296239	R-11	855.0	10/09/2019	WG	Turbidity	0.1	NTU	CASA-20-188125
305077	R-11	855.0	11/18/2019	WG	Turbidity	0.19	NTU	CASA-20-189207
307895	R-11	855.0	12/04/2019	WG	Turbidity	1.82	NTU	CASA-20-190649
310736	R-11	855.0	01/08/2020	WG	Turbidity	0.45	NTU	CASA-20-192771
315723	R-11	855.0	02/13/2020	WG	Turbidity	0.49	NTU	CASA-20-193859
319468	R-11	855.0	03/16/2020	WG	Turbidity	0.17	NTU	CASA-20-196224
326266	R-11	855.0	06/23/2020	WG	Turbidity	0.41	NTU	CASA-20-198492
328889	R-11	855.0	07/30/2020	WG	Turbidity	0.45	NTU	CASA-20-205406
330072	R-11	855.0	08/05/2020	WG	Turbidity	1.96	NTU	CASA-20-198983
336117	R-11	855.0	09/08/2020	WG	Turbidity	0.13	NTU	CASA-20-205975
340880	R-11	855.0	10/06/2020	WG	Turbidity	0.27	NTU	CASA-21-208124
347804	R-11	855.0	11/03/2020	WG	Turbidity	0.31	NTU	CASA-21-210525
354327	R-11	855.0	12/08/2020	WG	Turbidity	0.17	NTU	CASA-21-210991

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
260473	R-13	958.3	01/10/2019	WG	Dissolved Oxygen	6.34	mg/L	CAMO-19-165960
277118	R-13	958.3	05/09/2019	WG	Dissolved Oxygen	6.42	mg/L	CAMO-19-175138
284809	R-13	958.3	07/09/2019	WG	Dissolved Oxygen	6.27	mg/L	CAMO-19-181827
303427	R-13	958.3	11/08/2019	WG	Dissolved Oxygen	6.3	mg/L	CAMO-20-189149
313089	R-13	958.3	01/21/2020	WG	Dissolved Oxygen	6.33	mg/L	CAMO-20-192614
329736	R-13	958.3	08/04/2020	WG	Dissolved Oxygen	6.13	mg/L	CAMO-20-198875
352437	R-13	958.3	11/13/2020	WG	Dissolved Oxygen	6.35	mg/L	CAMO-21-210530
260472	R-13	958.3	01/10/2019	WG	Flow (in gpm)	5.17	gpm	CAMO-19-165960
277117	R-13	958.3	05/09/2019	WG	Flow (in gpm)	5	gpm	CAMO-19-175138
284808	R-13	958.3	07/09/2019	WG	Flow (in gpm)	5	gpm	CAMO-19-181827
303426	R-13	958.3	11/08/2019	WG	Flow (in gpm)	4.92	gpm	CAMO-20-189149
313046	R-13	958.3	01/21/2020	WG	Flow (in gpm)	4.68	gpm	CAMO-20-192614
329735	R-13	958.3	08/04/2020	WG	Flow (in gpm)	5	gpm	CAMO-20-198875
352436	R-13	958.3	11/13/2020	WG	Flow (in gpm)	4.84	gpm	CAMO-21-210530
260475	R-13	958.3	01/10/2019	WG	Oxidation-Reduction Potential	238.9	mV	CAMO-19-165960
277120	R-13	958.3	05/09/2019	WG	Oxidation-Reduction Potential	172.2	mV	CAMO-19-175138
284811	R-13	958.3	07/09/2019	WG	Oxidation-Reduction Potential	171.3	mV	CAMO-19-181827
303380	R-13	958.3	11/08/2019	WG	Oxidation-Reduction Potential	170.8	mV	CAMO-20-189149
313091	R-13	958.3	01/21/2020	WG	Oxidation-Reduction Potential	199.4	mV	CAMO-20-192614
329738	R-13	958.3	08/04/2020	WG	Oxidation-Reduction Potential	175.2	mV	CAMO-20-198875
352439	R-13	958.3	11/13/2020	WG	Oxidation-Reduction Potential	177.7	mV	CAMO-21-210530
260418	R-13	958.3	01/10/2019	WG	pH	8.26	SU	CAMO-19-165960
277069	R-13	958.3	05/09/2019	WG	pH	8.29	SU	CAMO-19-175138
284816	R-13	958.3	07/09/2019	WG	pH	8.29	SU	CAMO-19-181827
303382	R-13	958.3	11/08/2019	WG	pH	8.15	SU	CAMO-20-189149
313093	R-13	958.3	01/21/2020	WG	pH	8.23	SU	CAMO-20-192614
329740	R-13	958.3	08/04/2020	WG	pH	8.25	SU	CAMO-20-198875

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
352538	R-13	958.3	11/13/2020	WG	pH	8.22	SU	CAMO-21-210530
260420	R-13	958.3	01/10/2019	WG	Specific Conductance	143.3	µs/cm	CAMO-19-165960
277071	R-13	958.3	05/09/2019	WG	Specific Conductance	143.3	µs/cm	CAMO-19-175138
284812	R-13	958.3	07/09/2019	WG	Specific Conductance	143.9	µs/cm	CAMO-19-181827
303428	R-13	958.3	11/08/2019	WG	Specific Conductance	143.5	µs/cm	CAMO-20-189149
313095	R-13	958.3	01/21/2020	WG	Specific Conductance	141.3	µs/cm	CAMO-20-192614
329698	R-13	958.3	08/04/2020	WG	Specific Conductance	142.9	µs/cm	CAMO-20-198875
352540	R-13	958.3	11/13/2020	WG	Specific Conductance	142.2	µs/cm	CAMO-21-210530
260421	R-13	958.3	01/10/2019	WG	Temperature	21.3	deg C	CAMO-19-165960
277072	R-13	958.3	05/09/2019	WG	Temperature	21.1	deg C	CAMO-19-175138
284813	R-13	958.3	07/09/2019	WG	Temperature	22.3	deg C	CAMO-19-181827
303429	R-13	958.3	11/08/2019	WG	Temperature	21.8	deg C	CAMO-20-189149
313047	R-13	958.3	01/21/2020	WG	Temperature	21.6	deg C	CAMO-20-192614
329699	R-13	958.3	08/04/2020	WG	Temperature	22.5	deg C	CAMO-20-198875
352541	R-13	958.3	11/13/2020	WG	Temperature	21.5	deg C	CAMO-21-210530
260477	R-13	958.3	01/10/2019	WG	Turbidity	0.55	NTU	CAMO-19-165960
277122	R-13	958.3	05/09/2019	WG	Turbidity	0.58	NTU	CAMO-19-175138
284815	R-13	958.3	07/09/2019	WG	Turbidity	0.27	NTU	CAMO-19-181827
303431	R-13	958.3	11/08/2019	WG	Turbidity	0.12	NTU	CAMO-20-189149
313049	R-13	958.3	01/21/2020	WG	Turbidity	0.48	NTU	CAMO-20-192614
329701	R-13	958.3	08/04/2020	WG	Turbidity	0.7	NTU	CAMO-20-198875
352543	R-13	958.3	11/13/2020	WG	Turbidity	0.73	NTU	CAMO-21-210530
260780	R-15	958.6	01/11/2019	WG	Dissolved Oxygen	6.75	mg/L	CAMO-19-165962
277229	R-15	958.6	05/09/2019	WG	Dissolved Oxygen	6.77	mg/L	CAMO-19-175140
284818	R-15	958.6	07/09/2019	WG	Dissolved Oxygen	6.92	mg/L	CAMO-19-181829
303448	R-15	958.6	11/08/2019	WG	Dissolved Oxygen	6.94	mg/L	CAMO-20-189152
314350	R-15	958.6	01/23/2020	WG	Dissolved Oxygen	6.69	mg/L	CAMO-20-192616

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
329883	R-15	958.6	08/04/2020	WG	Dissolved Oxygen	6.95	mg/L	CAMO-20-198877
350738	R-15	958.6	11/16/2020	WG	Dissolved Oxygen	6.56	mg/L	CAMO-21-210533
260779	R-15	958.6	01/11/2019	WG	Flow (in gpm)	7.89	gpm	CAMO-19-165962
277182	R-15	958.6	05/09/2019	WG	Flow (in gpm)	8.11	gpm	CAMO-19-175140
284817	R-15	958.6	07/09/2019	WG	Flow (in gpm)	8.11	gpm	CAMO-19-181829
303447	R-15	958.6	11/08/2019	WG	Flow (in gpm)	7.89	gpm	CAMO-20-189152
314349	R-15	958.6	01/23/2020	WG	Flow (in gpm)	8.1	gpm	CAMO-20-192616
329894	R-15	958.6	08/04/2020	WG	Flow (in gpm)	7.69	gpm	CAMO-20-198877
350737	R-15	958.6	11/16/2020	WG	Flow (in gpm)	7.89	gpm	CAMO-21-210533
260782	R-15	958.6	01/11/2019	WG	Oxidation-Reduction Potential	207.3	mV	CAMO-19-165962
277230	R-15	958.6	05/09/2019	WG	Oxidation-Reduction Potential	183.8	mV	CAMO-19-175140
284820	R-15	958.6	07/09/2019	WG	Oxidation-Reduction Potential	155.6	mV	CAMO-19-181829
303450	R-15	958.6	11/08/2019	WG	Oxidation-Reduction Potential	129.5	mV	CAMO-20-189152
314352	R-15	958.6	01/23/2020	WG	Oxidation-Reduction Potential	177.9	mV	CAMO-20-192616
329885	R-15	958.6	08/04/2020	WG	Oxidation-Reduction Potential	193.8	mV	CAMO-20-198877
350740	R-15	958.6	11/16/2020	WG	Oxidation-Reduction Potential	93.7	mV	CAMO-21-210533
260841	R-15	958.6	01/11/2019	WG	pH	8.36	SU	CAMO-19-165962
277184	R-15	958.6	05/09/2019	WG	pH	8.37	SU	CAMO-19-175140
284825	R-15	958.6	07/09/2019	WG	pH	8.43	SU	CAMO-19-181829
303516	R-15	958.6	11/08/2019	WG	pH	8.36	SU	CAMO-20-189152
314389	R-15	958.6	01/23/2020	WG	pH	8.43	SU	CAMO-20-192616
329887	R-15	958.6	08/04/2020	WG	pH	8.08	SU	CAMO-20-198877
350726	R-15	958.6	11/16/2020	WG	pH	8.43	SU	CAMO-21-210533
260843	R-15	958.6	01/11/2019	WG	Specific Conductance	152.7	µs/cm	CAMO-19-165962
277163	R-15	958.6	05/09/2019	WG	Specific Conductance	151.4	µs/cm	CAMO-19-175140
284821	R-15	958.6	07/09/2019	WG	Specific Conductance	153.1	µs/cm	CAMO-19-181829
303518	R-15	958.6	11/08/2019	WG	Specific Conductance	151.2	µs/cm	CAMO-20-189152

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
314391	R-15	958.6	01/23/2020	WG	Specific Conductance	149.8	µs/cm	CAMO-20-192616
329889	R-15	958.6	08/04/2020	WG	Specific Conductance	155.2	µs/cm	CAMO-20-198877
350728	R-15	958.6	11/16/2020	WG	Specific Conductance	154.5	µs/cm	CAMO-21-210533
260844	R-15	958.6	01/11/2019	WG	Temperature	19.5	deg C	CAMO-19-165962
277186	R-15	958.6	05/09/2019	WG	Temperature	17	deg C	CAMO-19-175140
284822	R-15	958.6	07/09/2019	WG	Temperature	20.4	deg C	CAMO-19-181829
303519	R-15	958.6	11/08/2019	WG	Temperature	19.7	deg C	CAMO-20-189152
314392	R-15	958.6	01/23/2020	WG	Temperature	19.2	deg C	CAMO-20-192616
329832	R-15	958.6	08/04/2020	WG	Temperature	20.2	deg C	CAMO-20-198877
350729	R-15	958.6	11/16/2020	WG	Temperature	19.7	deg C	CAMO-21-210533
260846	R-15	958.6	01/11/2019	WG	Turbidity	1.74	NTU	CAMO-19-165962
277164	R-15	958.6	05/09/2019	WG	Turbidity	1.02	NTU	CAMO-19-175140
284824	R-15	958.6	07/09/2019	WG	Turbidity	1.26	NTU	CAMO-19-181829
303452	R-15	958.6	11/08/2019	WG	Turbidity	1.83	NTU	CAMO-20-189152
314394	R-15	958.6	01/23/2020	WG	Turbidity	0.88	NTU	CAMO-20-192616
329834	R-15	958.6	08/04/2020	WG	Turbidity	0.96	NTU	CAMO-20-198877
350756	R-15	958.6	11/16/2020	WG	Turbidity	0.64	NTU	CAMO-21-210533
260547	R-33 S1[f]	995.5	01/10/2019	WG	Dissolved Oxygen	5.2	mg/L	CAMO-19-165964
280401	R-33 S1	995.5	05/20/2019	WG	Dissolved Oxygen	5.27	mg/L	CAMO-19-175143
284827	R-33 S1	995.5	07/09/2019	WG	Dissolved Oxygen	5.19	mg/L	CAMO-19-181831
302845	R-33 S1	995.5	11/06/2019	WG	Dissolved Oxygen	5.27	mg/L	CAMO-20-189156
310528	R-33 S1	995.5	01/07/2020	WG	Dissolved Oxygen	5.24	mg/L	CAMO-20-192717
332141	R-33 S1	995.5	08/14/2020	WG	Dissolved Oxygen	5.53	mg/L	CAMO-20-198879
352397	R-33 S1	995.5	11/18/2020	WG	Dissolved Oxygen	5.48	mg/L	CAMO-21-210535
260546	R-33 S1	995.5	01/10/2019	WG	Flow (in gpm)	3.19	gpm	CAMO-19-165964
280400	R-33 S1	995.5	05/20/2019	WG	Flow (in gpm)	3.13	gpm	CAMO-19-175143
284826	R-33 S1	995.5	07/09/2019	WG	Flow (in gpm)	3	gpm	CAMO-19-181831

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
302760	R-33 S1	995.5	11/06/2019	WG	Flow (in gpm)	3.13	gpm	CAMO-20-189156
310527	R-33 S1	995.5	01/07/2020	WG	Flow (in gpm)	3.12	gpm	CAMO-20-192717
332086	R-33 S1	995.5	08/14/2020	WG	Flow (in gpm)	3.12	gpm	CAMO-20-198879
352396	R-33 S1	995.5	11/18/2020	WG	Flow (in gpm)	3.16	gpm	CAMO-21-210535
260595	R-33 S1	995.5	01/10/2019	WG	Oxidation-Reduction Potential	282.5	mV	CAMO-19-165964
280403	R-33 S1	995.5	05/20/2019	WG	Oxidation-Reduction Potential	110.3	mV	CAMO-19-175143
284829	R-33 S1	995.5	07/09/2019	WG	Oxidation-Reduction Potential	139	mV	CAMO-19-181831
302847	R-33 S1	995.5	11/06/2019	WG	Oxidation-Reduction Potential	137.1	mV	CAMO-20-189156
310465	R-33 S1	995.5	01/07/2020	WG	Oxidation-Reduction Potential	194.6	mV	CAMO-20-192717
332143	R-33 S1	995.5	08/14/2020	WG	Oxidation-Reduction Potential	139.4	mV	CAMO-20-198879
352399	R-33 S1	995.5	11/18/2020	WG	Oxidation-Reduction Potential	113.1	mV	CAMO-21-210535
260597	R-33 S1	995.5	01/10/2019	WG	pH	7.61	SU	CAMO-19-165964
280408	R-33 S1	995.5	05/20/2019	WG	pH	7.56	SU	CAMO-19-175143
284835	R-33 S1	995.5	07/09/2019	WG	pH	7.68	SU	CAMO-19-181831
302849	R-33 S1	995.5	11/06/2019	WG	pH	7.7	SU	CAMO-20-189156
310467	R-33 S1	995.5	01/07/2020	WG	pH	7.65	SU	CAMO-20-192717
332145	R-33 S1	995.5	08/14/2020	WG	pH	7.51	SU	CAMO-20-198879
352351	R-33 S1	995.5	11/18/2020	WG	pH	7.33	SU	CAMO-21-210535
260599	R-33 S1	995.5	01/10/2019	WG	Specific Conductance	143.6	µs/cm	CAMO-19-165964
280404	R-33 S1	995.5	05/20/2019	WG	Specific Conductance	143.1	µs/cm	CAMO-19-175143
284831	R-33 S1	995.5	07/09/2019	WG	Specific Conductance	143.5	µs/cm	CAMO-19-181831
302761	R-33 S1	995.5	11/06/2019	WG	Specific Conductance	142.9	µs/cm	CAMO-20-189156
310436	R-33 S1	995.5	01/07/2020	WG	Specific Conductance	141.4	µs/cm	CAMO-20-192717
332088	R-33 S1	995.5	08/14/2020	WG	Specific Conductance	141.4	µs/cm	CAMO-20-198879
352353	R-33 S1	995.5	11/18/2020	WG	Specific Conductance	144.1	µs/cm	CAMO-21-210535
260600	R-33 S1	995.5	01/10/2019	WG	Temperature	20.7	deg C	CAMO-19-165964
280405	R-33 S1	995.5	05/20/2019	WG	Temperature	21	deg C	CAMO-19-175143

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
284832	R-33 S1	995.5	07/09/2019	WG	Temperature	21.9	deg C	CAMO-19-181831
302762	R-33 S1	995.5	11/06/2019	WG	Temperature	21	deg C	CAMO-20-189156
310437	R-33 S1	995.5	01/07/2020	WG	Temperature	20.9	deg C	CAMO-20-192717
332089	R-33 S1	995.5	08/14/2020	WG	Temperature	21.9	deg C	CAMO-20-198879
352354	R-33 S1	995.5	11/18/2020	WG	Temperature	21.1	deg C	CAMO-21-210535
260549	R-33 S1	995.5	01/10/2019	WG	Turbidity	0.92	NTU	CAMO-19-165964
280407	R-33 S1	995.5	05/20/2019	WG	Turbidity	0.31	NTU	CAMO-19-175143
284834	R-33 S1	995.5	07/09/2019	WG	Turbidity	0.52	NTU	CAMO-19-181831
302764	R-33 S1	995.5	11/06/2019	WG	Turbidity	0.38	NTU	CAMO-20-189156
310469	R-33 S1	995.5	01/07/2020	WG	Turbidity	0.25	NTU	CAMO-20-192717
332091	R-33 S1	995.5	08/14/2020	WG	Turbidity	0.4	NTU	CAMO-20-198879
352356	R-33 S1	995.5	11/18/2020	WG	Turbidity	1.18	NTU	CAMO-21-210535
260648	R-33 S2[g]	1112.4	01/10/2019	WG	Dissolved Oxygen	6.54	mg/L	CAMO-19-165968
279604	R-33 S2	1112.4	05/20/2019	WG	Dissolved Oxygen	6.52	mg/L	CAMO-19-175146
284837	R-33 S2	1112.4	07/09/2019	WG	Dissolved Oxygen	6.55	mg/L	CAMO-19-181833
302955	R-33 S2	1112.4	11/06/2019	WG	Dissolved Oxygen	6.56	mg/L	CAMO-20-189159
—	R-33 S2	1112.4	01/07/2020	WG	Dissolved Oxygen	5.24	mg/L	—
332157	R-33 S2	1112.4	08/14/2020	WG	Dissolved Oxygen	6.53	mg/L	CAMO-20-198881
352317	R-33 S2	1112.4	11/18/2020	WG	Dissolved Oxygen	6.56	mg/L	CAMO-21-210537
260647	R-33 S2	1112.4	01/10/2019	WG	Flow (in gpm)	3	gpm	CAMO-19-165968
279660	R-33 S2	1112.4	05/20/2019	WG	Flow (in gpm)	3	gpm	CAMO-19-175146
284836	R-33 S2	1112.4	07/09/2019	WG	Flow (in gpm)	2.88	gpm	CAMO-19-181833
302954	R-33 S2	1112.4	11/06/2019	WG	Flow (in gpm)	2.86	gpm	CAMO-20-189159
—	R-33 S2	1112.4	01/07/2020	WG	Flow (in gpm)	3.1	gpm	—
332156	R-33 S2	1112.4	08/14/2020	WG	Flow (in gpm)	2.8	gpm	CAMO-20-198881
352316	R-33 S2	1112.4	11/18/2020	WG	Flow (in gpm)	2.83	gpm	CAMO-21-210537
260699	R-33 S2	1112.4	01/10/2019	WG	Oxidation-Reduction Potential	286.6	mV	CAMO-19-165968

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
279606	R-33 S2	1112.4	05/20/2019	WG	Oxidation-Reduction Potential	101.6	mV	CAMO-19-175146
284839	R-33 S2	1112.4	07/09/2019	WG	Oxidation-Reduction Potential	135.4	mV	CAMO-19-181833
302957	R-33 S2	1112.4	11/06/2019	WG	Oxidation-Reduction Potential	126.6	mV	CAMO-20-189159
—	R-33 S2	1112.4	01/07/2020	WG	Oxidation-Reduction Potential	194.4	mV	—
332159	R-33 S2	1112.4	08/14/2020	WG	Oxidation-Reduction Potential	129.6	mV	CAMO-20-198881
352319	R-33 S2	1112.4	11/18/2020	WG	Oxidation-Reduction Potential	127.5	mV	CAMO-21-210537
260701	R-33 S2	1112.4	01/10/2019	WG	pH	7.76	SU	CAMO-19-165968
279608	R-33 S2	1112.4	05/20/2019	WG	pH	7.64	SU	CAMO-19-175146
284845	R-33 S2	1112.4	07/09/2019	WG	pH	7.93	SU	CAMO-19-181833
302959	R-33 S2	1112.4	11/06/2019	WG	pH	7.81	SU	CAMO-20-189159
—	R-33 S2	1112.4	01/07/2020	WG	pH	7.65	SU	—
332206	R-33 S2	1112.4	08/14/2020	WG	pH	7.57	SU	CAMO-20-198881
352245	R-33 S2	1112.4	11/18/2020	WG	pH	7.4	SU	CAMO-21-210537
260703	R-33 S2	1112.4	01/10/2019	WG	Specific Conductance	139.3	µs/cm	CAMO-19-165968
279662	R-33 S2	1112.4	05/20/2019	WG	Specific Conductance	138.7	µs/cm	CAMO-19-175146
284841	R-33 S2	1112.4	07/09/2019	WG	Specific Conductance	139.3	µs/cm	CAMO-19-181833
302919	R-33 S2	1112.4	11/06/2019	WG	Specific Conductance	138.4	µs/cm	CAMO-20-189159
—	R-33 S2	1112.4	01/07/2020	WG	Specific Conductance	141.4	µs/cm	—
332208	R-33 S2	1112.4	08/14/2020	WG	Specific Conductance	137.3	µs/cm	CAMO-20-198881
352247	R-33 S2	1112.4	11/18/2020	WG	Specific Conductance	139.9	µs/cm	CAMO-21-210537
260704	R-33 S2	1112.4	01/10/2019	WG	Temperature	20.4	deg C	CAMO-19-165968
279663	R-33 S2	1112.4	05/20/2019	WG	Temperature	20.8	deg C	CAMO-19-175146
284842	R-33 S2	1112.4	07/09/2019	WG	Temperature	22.2	deg C	CAMO-19-181833
302920	R-33 S2	1112.4	11/06/2019	WG	Temperature	20.9	deg C	CAMO-20-189159
—	R-33 S2	1112.4	01/07/2020	WG	Temperature	20.9	deg C	—
332209	R-33 S2	1112.4	08/14/2020	WG	Temperature	21.9	deg C	CAMO-20-198881
352248	R-33 S2	1112.4	11/18/2020	WG	Temperature	21.4	deg C	CAMO-21-210537

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
260650	R-33 S2	1112.4	01/10/2019	WG	Turbidity	0.66	NTU	CAMO-19-165968
279665	R-33 S2	1112.4	05/20/2019	WG	Turbidity	0.54	NTU	CAMO-19-175146
284844	R-33 S2	1112.4	07/09/2019	WG	Turbidity	0.91	NTU	CAMO-19-181833
302922	R-33 S2	1112.4	11/06/2019	WG	Turbidity	0.17	NTU	CAMO-20-189159
—	R-33 S2	1112.4	01/07/2020	WG	Turbidity	0.29	NTU	—
332211	R-33 S2	1112.4	08/14/2020	WG	Turbidity	1.54	NTU	CAMO-20-198881
352250	R-33 S2	1112.4	11/18/2020	WG	Turbidity	0.89	NTU	CAMO-21-210537
289264	R-35a	1013.1	08/13/2019	WG	Dissolved Oxygen	5.44	mg/L	CASA-19-184712
297547	R-35a	1013.1	10/16/2019	WG	Dissolved Oxygen	5.39	mg/L	CASA-20-188132
305353	R-35a	1013.1	11/18/2019	WG	Dissolved Oxygen	5.38	mg/L	CASA-20-189210
308269	R-35a	1013.1	12/05/2019	WG	Dissolved Oxygen	5.17	mg/L	CASA-20-190652
312777	R-35a	1013.1	01/15/2020	WG	Dissolved Oxygen	4.98	mg/L	CASA-20-192774
316919	R-35a	1013.1	02/18/2020	WG	Dissolved Oxygen	4.9	mg/L	CASA-20-193861
319486	R-35a	1013.1	03/17/2020	WG	Dissolved Oxygen	4.84	mg/L	CASA-20-196227
324706	R-35a	1013.1	06/29/2020	WG	Dissolved Oxygen	5.14	mg/L	CAMO-20-205231
326885	R-35a	1013.1	07/24/2020	WG	Dissolved Oxygen	5.06	mg/L	CASA-20-205400
331660	R-35a	1013.1	08/12/2020	WG	Dissolved Oxygen	5.34	mg/L	CASA-20-198986
336328	R-35a	1013.1	09/09/2020	WG	Dissolved Oxygen	5.2	mg/L	CASA-20-205983
340979	R-35a	1013.1	10/07/2020	WG	Dissolved Oxygen	5.09	mg/L	CASA-21-208121
349148	R-35a	1013.1	11/10/2020	WG	Dissolved Oxygen	5.05	mg/L	CASA-21-210541
354012	R-35a	1013.1	12/07/2020	WG	Dissolved Oxygen	4.81	mg/L	CASA-21-210985
289207	R-35a	1013.1	08/13/2019	WG	Flow (in gpm)	3.7	gpm	CASA-19-184712
297546	R-35a	1013.1	10/16/2019	WG	Flow (in gpm)	3.85	gpm	CASA-20-188132
305351	R-35a	1013.1	11/18/2019	WG	Flow (in gpm)	3.95	gpm	CASA-20-189210
308268	R-35a	1013.1	12/05/2019	WG	Flow (in gpm)	3.95	gpm	CASA-20-190652
312776	R-35a	1013.1	01/15/2020	WG	Flow (in gpm)	3.79	gpm	CASA-20-192774
316918	R-35a	1013.1	02/18/2020	WG	Flow (in gpm)	3.57	gpm	CASA-20-193861

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
319534	R-35a	1013.1	03/17/2020	WG	Flow (in gpm)	3.79	gpm	CASA-20-196227
324705	R-35a	1013.1	06/29/2020	WG	Flow (in gpm)	3.8	gpm	CAMO-20-205231
326884	R-35a	1013.1	07/24/2020	WG	Flow (in gpm)	3.45	gpm	CASA-20-205400
331659	R-35a	1013.1	08/12/2020	WG	Flow (in gpm)	3.61	gpm	CASA-20-198986
336327	R-35a	1013.1	09/09/2020	WG	Flow (in gpm)	3.61	gpm	CASA-20-205983
340978	R-35a	1013.1	10/07/2020	WG	Flow (in gpm)	3.49	gpm	CASA-21-208121
349147	R-35a	1013.1	11/10/2020	WG	Flow (in gpm)	3.75	gpm	CASA-21-210541
354011	R-35a	1013.1	12/07/2020	WG	Flow (in gpm)	3.65	gpm	CASA-21-210985
289266	R-35a	1013.1	08/13/2019	WG	Oxidation-Reduction Potential	170.4	mV	CASA-19-184712
297639	R-35a	1013.1	10/16/2019	WG	Oxidation-Reduction Potential	146.3	mV	CASA-20-188132
305329	R-35a	1013.1	11/18/2019	WG	Oxidation-Reduction Potential	163.1	mV	CASA-20-189210
308271	R-35a	1013.1	12/05/2019	WG	Oxidation-Reduction Potential	257	mV	CASA-20-190652
312779	R-35a	1013.1	01/15/2020	WG	Oxidation-Reduction Potential	211.2	mV	CASA-20-192774
316921	R-35a	1013.1	02/18/2020	WG	Oxidation-Reduction Potential	184.3	mV	CASA-20-193861
319488	R-35a	1013.1	03/17/2020	WG	Oxidation-Reduction Potential	157.1	mV	CASA-20-196227
324708	R-35a	1013.1	06/29/2020	WG	Oxidation-Reduction Potential	195.2	mV	CAMO-20-205231
326887	R-35a	1013.1	07/24/2020	WG	Oxidation-Reduction Potential	147.1	mV	CASA-20-205400
331662	R-35a	1013.1	08/12/2020	WG	Oxidation-Reduction Potential	118	mV	CASA-20-198986
336263	R-35a	1013.1	09/09/2020	WG	Oxidation-Reduction Potential	148.9	mV	CASA-20-205983
340981	R-35a	1013.1	10/07/2020	WG	Oxidation-Reduction Potential	149.4	mV	CASA-21-208121
349209	R-35a	1013.1	11/10/2020	WG	Oxidation-Reduction Potential	178.9	mV	CASA-21-210541
354082	R-35a	1013.1	12/07/2020	WG	Oxidation-Reduction Potential	209.7	mV	CASA-21-210985
289268	R-35a	1013.1	08/13/2019	WG	pH	8	SU	CASA-19-184712
297641	R-35a	1013.1	10/16/2019	WG	pH	8	SU	CASA-20-188132
305331	R-35a	1013.1	11/18/2019	WG	pH	8.02	SU	CASA-20-189210
308276	R-35a	1013.1	12/05/2019	WG	pH	7.95	SU	CASA-20-190652
312822	R-35a	1013.1	01/15/2020	WG	pH	7.88	SU	CASA-20-192774

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
317000	R-35a	1013.1	02/18/2020	WG	pH	7.9	SU	CASA-20-193861
319490	R-35a	1013.1	03/17/2020	WG	pH	7.92	SU	CASA-20-196227
324683	R-35a	1013.1	06/29/2020	WG	pH	7.97	SU	CAMO-20-205231
326889	R-35a	1013.1	07/24/2020	WG	pH	7.91	SU	CASA-20-205400
331715	R-35a	1013.1	08/12/2020	WG	pH	7.86	SU	CASA-20-198986
336265	R-35a	1013.1	09/09/2020	WG	pH	7.91	SU	CASA-20-205983
340983	R-35a	1013.1	10/07/2020	WG	pH	7.85	SU	CASA-21-208121
349211	R-35a	1013.1	11/10/2020	WG	pH	7.65	SU	CASA-21-210541
354084	R-35a	1013.1	12/07/2020	WG	pH	7.97	SU	CASA-21-210985
289270	R-35a	1013.1	08/13/2019	WG	Specific Conductance	240	µs/cm	CASA-19-184712
297643	R-35a	1013.1	10/16/2019	WG	Specific Conductance	240	µs/cm	CASA-20-188132
305333	R-35a	1013.1	11/18/2019	WG	Specific Conductance	239.8	µs/cm	CASA-20-189210
308272	R-35a	1013.1	12/05/2019	WG	Specific Conductance	239	µs/cm	CASA-20-190652
312824	R-35a	1013.1	01/15/2020	WG	Specific Conductance	238.1	µs/cm	CASA-20-192774
317002	R-35a	1013.1	02/18/2020	WG	Specific Conductance	241	µs/cm	CASA-20-193861
319535	R-35a	1013.1	03/17/2020	WG	Specific Conductance	241.7	µs/cm	CASA-20-196227
324685	R-35a	1013.1	06/29/2020	WG	Specific Conductance	240.3	µs/cm	CAMO-20-205231
326844	R-35a	1013.1	07/24/2020	WG	Specific Conductance	241.7	µs/cm	CASA-20-205400
331717	R-35a	1013.1	08/12/2020	WG	Specific Conductance	237.5	µs/cm	CASA-20-198986
336267	R-35a	1013.1	09/09/2020	WG	Specific Conductance	240.4	µs/cm	CASA-20-205983
340931	R-35a	1013.1	10/07/2020	WG	Specific Conductance	242	µs/cm	CASA-21-208121
349213	R-35a	1013.1	11/10/2020	WG	Specific Conductance	240.6	µs/cm	CASA-21-210541
354086	R-35a	1013.1	12/07/2020	WG	Specific Conductance	241.5	µs/cm	CASA-21-210985
289208	R-35a	1013.1	08/13/2019	WG	Temperature	24.9	deg C	CASA-19-184712
297609	R-35a	1013.1	10/16/2019	WG	Temperature	24.2	deg C	CASA-20-188132
305316	R-35a	1013.1	11/18/2019	WG	Temperature	23.8	deg C	CASA-20-189210
308273	R-35a	1013.1	12/05/2019	WG	Temperature	23.45	deg C	CASA-20-190652

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
312825	R-35a	1013.1	01/15/2020	WG	Temperature	22.7	deg C	CASA-20-192774
317003	R-35a	1013.1	02/18/2020	WG	Temperature	22	deg C	CASA-20-193861
319536	R-35a	1013.1	03/17/2020	WG	Temperature	23.5	deg C	CASA-20-196227
324686	R-35a	1013.1	06/29/2020	WG	Temperature	24.1	deg C	CAMO-20-205231
326845	R-35a	1013.1	07/24/2020	WG	Temperature	24	deg C	CASA-20-205400
331718	R-35a	1013.1	08/12/2020	WG	Temperature	24.9	deg C	CASA-20-198986
336355	R-35a	1013.1	09/09/2020	WG	Temperature	23.2	deg C	CASA-20-205983
340932	R-35a	1013.1	10/07/2020	WG	Temperature	24	deg C	CASA-21-208121
349214	R-35a	1013.1	11/10/2020	WG	Temperature	22.5	deg C	CASA-21-210541
354087	R-35a	1013.1	12/07/2020	WG	Temperature	23.1	deg C	CASA-21-210985
289210	R-35a	1013.1	08/13/2019	WG	Turbidity	0.48	NTU	CASA-19-184712
297611	R-35a	1013.1	10/16/2019	WG	Turbidity	0.39	NTU	CASA-20-188132
305352	R-35a	1013.1	11/18/2019	WG	Turbidity	0.3	NTU	CASA-20-189210
308275	R-35a	1013.1	12/05/2019	WG	Turbidity	1.07	NTU	CASA-20-190652
312827	R-35a	1013.1	01/15/2020	WG	Turbidity	1.11	NTU	CASA-20-192774
317005	R-35a	1013.1	02/18/2020	WG	Turbidity	0.38	NTU	CASA-20-193861
319538	R-35a	1013.1	03/17/2020	WG	Turbidity	0.51	NTU	CASA-20-196227
324722	R-35a	1013.1	06/29/2020	WG	Turbidity	0.77	NTU	CAMO-20-205231
326847	R-35a	1013.1	07/24/2020	WG	Turbidity	0.73	NTU	CASA-20-205400
331725	R-35a	1013.1	08/12/2020	WG	Turbidity	0.69	NTU	CASA-20-198986
336357	R-35a	1013.1	09/09/2020	WG	Turbidity	0.37	NTU	CASA-20-205983
340934	R-35a	1013.1	10/07/2020	WG	Turbidity	0.44	NTU	CASA-21-208121
349150	R-35a	1013.1	11/10/2020	WG	Turbidity	1.12	NTU	CASA-21-210541
354014	R-35a	1013.1	12/07/2020	WG	Turbidity	0.39	NTU	CASA-21-210985
293294	R-35b	825.4	09/16/2019	WG	Dissolved Oxygen	6.01	mg/L	CASA-19-186507
296069	R-35b	825.4	10/09/2019	WG	Dissolved Oxygen	5.93	mg/L	CASA-20-188139
305158	R-35b	825.4	11/18/2019	WG	Dissolved Oxygen	5.8	mg/L	CASA-20-189213

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
307908	R-35b	825.4	12/04/2019	WG	Dissolved Oxygen	5.92	mg/L	CASA-20-190655
314301	R-35b	825.4	01/23/2020	WG	Dissolved Oxygen	5.85	mg/L	CASA-20-192777
315683	R-35b	825.4	02/13/2020	WG	Dissolved Oxygen	5.93	mg/L	CASA-20-193945
319286	R-35b	825.4	03/16/2020	WG	Dissolved Oxygen	5.83	mg/L	CASA-20-196230
323875	R-35b	825.4	06/26/2020	WG	Dissolved Oxygen	5.96	mg/L	CAMO-20-205234
328862	R-35b	825.4	07/30/2020	WG	Dissolved Oxygen	6.01	mg/L	CASA-20-205403
—	R-35b	825.4	08/12/2020	WG	Dissolved Oxygen	6.0	mg/L	—
336211	R-35b	825.4	09/08/2020	WG	Dissolved Oxygen	6.1	mg/L	CASA-20-205991
340744	R-35b	825.4	10/06/2020	WG	Dissolved Oxygen	6.17	mg/L	CASA-21-208144
348975	R-35b	825.4	11/10/2020	WG	Dissolved Oxygen	6.01	mg/L	CASA-21-210544
354539	R-35b	825.4	12/08/2020	WG	Dissolved Oxygen	6.25	mg/L	CASA-21-210988
293293	R-35b	825.4	09/16/2019	WG	Flow (in gpm)	2.94	gpm	CASA-19-186507
296033	R-35b	825.4	10/09/2019	WG	Flow (in gpm)	2.94	gpm	CASA-20-188139
305192	R-35b	825.4	11/18/2019	WG	Flow (in gpm)	3.16	gpm	CASA-20-189213
307907	R-35b	825.4	12/04/2019	WG	Flow (in gpm)	2.88	gpm	CASA-20-190655
314300	R-35b	825.4	01/23/2020	WG	Flow (in gpm)	3	gpm	CASA-20-192777
315682	R-35b	825.4	02/13/2020	WG	Flow (in gpm)	3.03	gpm	CASA-20-193945
319285	R-35b	825.4	03/16/2020	WG	Flow (in gpm)	2.65	gpm	CASA-20-196230
323898	R-35b	825.4	06/26/2020	WG	Flow (in gpm)	2.94	gpm	CAMO-20-205234
328861	R-35b	825.4	07/30/2020	WG	Flow (in gpm)	2.89	gpm	CASA-20-205403
—	R-35b	825.4	08/12/2020	WG	Flow (in gpm)	3.00	gpm	—
336210	R-35b	825.4	09/08/2020	WG	Flow (in gpm)	2.97	gpm	CASA-20-205991
340683	R-35b	825.4	10/06/2020	WG	Flow (in gpm)	2.86	gpm	CASA-21-208144
348974	R-35b	825.4	11/10/2020	WG	Flow (in gpm)	3.13	gpm	CASA-21-210544
354538	R-35b	825.4	12/08/2020	WG	Flow (in gpm)	2.91	gpm	CASA-21-210988
293296	R-35b	825.4	09/16/2019	WG	Oxidation-Reduction Potential	152.8	mV	CASA-19-186507
296071	R-35b	825.4	10/09/2019	WG	Oxidation-Reduction Potential	141.6	mV	CASA-20-188139

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
305160	R-35b	825.4	11/18/2019	WG	Oxidation-Reduction Potential	216.8	mV	CASA-20-189213
307910	R-35b	825.4	12/04/2019	WG	Oxidation-Reduction Potential	158.8	mV	CASA-20-190655
314303	R-35b	825.4	01/23/2020	WG	Oxidation-Reduction Potential	197.6	mV	CASA-20-192777
315685	R-35b	825.4	02/13/2020	WG	Oxidation-Reduction Potential	162.2	mV	CASA-20-193945
319346	R-35b	825.4	03/16/2020	WG	Oxidation-Reduction Potential	155.7	mV	CASA-20-196230
323877	R-35b	825.4	06/26/2020	WG	Oxidation-Reduction Potential	116.4	mV	CAMO-20-205234
328864	R-35b	825.4	07/30/2020	WG	Oxidation-Reduction Potential	174.8	mV	CASA-20-205403
—	R-35b	825.4	08/12/2020	WG	Oxidation-Reduction Potential	170.8	mV	—
336171	R-35b	825.4	09/08/2020	WG	Oxidation-Reduction Potential	132.3	mV	CASA-20-205991
340746	R-35b	825.4	10/06/2020	WG	Oxidation-Reduction Potential	143.1	mV	CASA-21-208144
348977	R-35b	825.4	11/10/2020	WG	Oxidation-Reduction Potential	181.9	mV	CASA-21-210544
354541	R-35b	825.4	12/08/2020	WG	Oxidation-Reduction Potential	199.3	mV	CASA-21-210988
293298	R-35b	825.4	09/16/2019	WG	pH	7.79	SU	CASA-19-186507
296073	R-35b	825.4	10/09/2019	WG	pH	7.76	SU	CASA-20-188139
305162	R-35b	825.4	11/18/2019	WG	pH	7.81	SU	CASA-20-189213
307916	R-35b	825.4	12/04/2019	WG	pH	7.86	SU	CASA-20-190655
314305	R-35b	825.4	01/23/2020	WG	pH	7.77	SU	CASA-20-192777
315687	R-35b	825.4	02/13/2020	WG	pH	7.85	SU	CASA-20-193945
319287	R-35b	825.4	03/16/2020	WG	pH	7.89	SU	CASA-20-196230
323899	R-35b	825.4	06/26/2020	WG	pH	7.67	SU	CAMO-20-205234
328866	R-35b	825.4	07/30/2020	WG	pH	7.74	SU	CASA-20-205403
—	R-35b	825.4	08/12/2020	WG	pH	7.82	SU	—
336234	R-35b	825.4	09/08/2020	WG	pH	7.72	SU	CASA-20-205991
340748	R-35b	825.4	10/06/2020	WG	pH	7.75	SU	CASA-21-208144
348936	R-35b	825.4	11/10/2020	WG	pH	7.84	SU	CASA-21-210544
354543	R-35b	825.4	12/08/2020	WG	pH	7.84	SU	CASA-21-210988
293333	R-35b	825.4	09/16/2019	WG	Specific Conductance	170.9	µs/cm	CASA-19-186507

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
296075	R-35b	825.4	10/09/2019	WG	Specific Conductance	170.6	µs/cm	CASA-20-188139
305164	R-35b	825.4	11/18/2019	WG	Specific Conductance	170.3	µs/cm	CASA-20-189213
307912	R-35b	825.4	12/04/2019	WG	Specific Conductance	172.3	µs/cm	CASA-20-190655
314248	R-35b	825.4	01/23/2020	WG	Specific Conductance	171.1	µs/cm	CASA-20-192777
315641	R-35b	825.4	02/13/2020	WG	Specific Conductance	171.6	µs/cm	CASA-20-193945
319289	R-35b	825.4	03/16/2020	WG	Specific Conductance	171.8	µs/cm	CASA-20-196230
323901	R-35b	825.4	06/26/2020	WG	Specific Conductance	172.3	µs/cm	CAMO-20-205234
328809	R-35b	825.4	07/30/2020	WG	Specific Conductance	172.2	µs/cm	CASA-20-205403
—	R-35b	825.4	08/12/2020	WG	Specific Conductance	172.0	µs/cm	—
336236	R-35b	825.4	09/08/2020	WG	Specific Conductance	171.1	µs/cm	CASA-20-205991
340750	R-35b	825.4	10/06/2020	WG	Specific Conductance	171.2	µs/cm	CASA-21-208144
348938	R-35b	825.4	11/10/2020	WG	Specific Conductance	170.2	µs/cm	CASA-21-210544
354474	R-35b	825.4	12/08/2020	WG	Specific Conductance	171.4	µs/cm	CASA-21-210988
293334	R-35b	825.4	09/16/2019	WG	Temperature	21.5	deg C	CASA-19-186507
296034	R-35b	825.4	10/09/2019	WG	Temperature	21.5	deg C	CASA-20-188139
305193	R-35b	825.4	11/18/2019	WG	Temperature	21.2	deg C	CASA-20-189213
307913	R-35b	825.4	12/04/2019	WG	Temperature	7.86	deg C	CASA-20-190655
314249	R-35b	825.4	01/23/2020	WG	Temperature	21	deg C	CASA-20-192777
315642	R-35b	825.4	02/13/2020	WG	Temperature	21.1	deg C	CASA-20-193945
319311	R-35b	825.4	03/16/2020	WG	Temperature	21.4	deg C	CASA-20-196230
323902	R-35b	825.4	06/26/2020	WG	Temperature	21.9	deg C	CAMO-20-205234
328810	R-35b	825.4	07/30/2020	WG	Temperature	22	deg C	CASA-20-205403
—	R-35b	825.4	08/12/2020	WG	Temperature	22.2	deg C	—
336172	R-35b	825.4	09/08/2020	WG	Temperature	21.7	deg C	CASA-20-205991
340684	R-35b	825.4	10/06/2020	WG	Temperature	21.6	deg C	CASA-21-208144
348939	R-35b	825.4	11/10/2020	WG	Temperature	20.5	deg C	CASA-21-210544
354475	R-35b	825.4	12/08/2020	WG	Temperature	21.2	deg C	CASA-21-210988

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
293336	R-35b	825.4	09/16/2019	WG	Turbidity	0.45	NTU	CASA-19-186507
296036	R-35b	825.4	10/09/2019	WG	Turbidity	0.31	NTU	CASA-20-188139
305195	R-35b	825.4	11/18/2019	WG	Turbidity	0.32	NTU	CASA-20-189213
307915	R-35b	825.4	12/04/2019	WG	Turbidity	0.41	NTU	CASA-20-190655
314251	R-35b	825.4	01/23/2020	WG	Turbidity	1.23	NTU	CASA-20-192777
315644	R-35b	825.4	02/13/2020	WG	Turbidity	0.64	NTU	CASA-20-193945
319313	R-35b	825.4	03/16/2020	WG	Turbidity	0.38	NTU	CASA-20-196230
323904	R-35b	825.4	06/26/2020	WG	Turbidity	0.23	NTU	CAMO-20-205234
328812	R-35b	825.4	07/30/2020	WG	Turbidity	0.51	NTU	CASA-20-205403
—	R-35b	825.4	08/12/2020	WG	Turbidity	0.60	NTU	—
336174	R-35b	825.4	09/08/2020	WG	Turbidity	0.16	NTU	CASA-20-205991
340686	R-35b	825.4	10/06/2020	WG	Turbidity	0.45	NTU	CASA-21-208144
349003	R-35b	825.4	11/10/2020	WG	Turbidity	0.88	NTU	CASA-21-210544
354477	R-35b	825.4	12/08/2020	WG	Turbidity	0.16	NTU	CASA-21-210988
263629	R-36	766.9	01/18/2019	WG	Dissolved Oxygen	5.63	mg/L	CASA-19-165999
276935	R-36	766.9	05/08/2019	WG	Dissolved Oxygen	5.58	mg/L	CASA-19-175193
284883	R-36	766.9	07/11/2019	WG	Dissolved Oxygen	5.67	mg/L	CASA-19-182707
302651	R-36	766.9	11/06/2019	WG	Dissolved Oxygen	5.61	mg/L	CASA-20-189216
312591	R-36	766.9	01/14/2020	WG	Dissolved Oxygen	5.61	mg/L	CASA-20-192780
331622	R-36	766.9	08/12/2020	WG	Dissolved Oxygen	5.54	mg/L	CASA-20-198993
349093	R-36	766.9	11/10/2020	WG	Dissolved Oxygen	5.62	mg/L	CASA-21-210547
263628	R-36	766.9	01/18/2019	WG	Flow (in gpm)	3.33	gpm	CASA-19-165999
276934	R-36	766.9	05/08/2019	WG	Flow (in gpm)	3.33	gpm	CASA-19-175193
284882	R-36	766.9	07/11/2019	WG	Flow (in gpm)	3.33	gpm	CASA-19-182707
302691	R-36	766.9	11/06/2019	WG	Flow (in gpm)	3.45	gpm	CASA-20-189216
312590	R-36	766.9	01/14/2020	WG	Flow (in gpm)	3.33	gpm	CASA-20-192780
331621	R-36	766.9	08/12/2020	WG	Flow (in gpm)	3.33	gpm	CASA-20-198993

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
349018	R-36	766.9	11/10/2020	WG	Flow (in gpm)	3.49	gpm	CASA-21-210547
263679	R-36	766.9	01/18/2019	WG	Oxidation-Reduction Potential	215.9	mV	CASA-19-165999
276937	R-36	766.9	05/08/2019	WG	Oxidation-Reduction Potential	171.6	mV	CASA-19-175193
284885	R-36	766.9	07/11/2019	WG	Oxidation-Reduction Potential	147.1	mV	CASA-19-182707
302653	R-36	766.9	11/06/2019	WG	Oxidation-Reduction Potential	173	mV	CASA-20-189216
312593	R-36	766.9	01/14/2020	WG	Oxidation-Reduction Potential	168.5	mV	CASA-20-192780
331638	R-36	766.9	08/12/2020	WG	Oxidation-Reduction Potential	174.9	mV	CASA-20-198993
349095	R-36	766.9	11/10/2020	WG	Oxidation-Reduction Potential	174.8	mV	CASA-21-210547
263681	R-36	766.9	01/18/2019	WG	pH	7.4	SU	CASA-19-165999
276877	R-36	766.9	05/08/2019	WG	pH	7.37	SU	CASA-19-175193
284899	R-36	766.9	07/11/2019	WG	pH	7.13	SU	CASA-19-182707
302655	R-36	766.9	11/06/2019	WG	pH	7.43	SU	CASA-20-189216
312595	R-36	766.9	01/14/2020	WG	pH	7.33	SU	CASA-20-192780
331640	R-36	766.9	08/12/2020	WG	pH	7.38	SU	CASA-20-198993
349097	R-36	766.9	11/10/2020	WG	pH	7.39	SU	CASA-21-210547
263683	R-36	766.9	01/18/2019	WG	Specific Conductance	192.2	µs/cm	CASA-19-165999
276879	R-36	766.9	05/08/2019	WG	Specific Conductance	192.2	µs/cm	CASA-19-175193
284901	R-36	766.9	07/11/2019	WG	Specific Conductance	192	µs/cm	CASA-19-182707
302693	R-36	766.9	11/06/2019	WG	Specific Conductance	191.9	µs/cm	CASA-20-189216
312661	R-36	766.9	01/14/2020	WG	Specific Conductance	189.7	µs/cm	CASA-20-192780
331642	R-36	766.9	08/12/2020	WG	Specific Conductance	193.4	µs/cm	CASA-20-198993
349099	R-36	766.9	11/10/2020	WG	Specific Conductance	191.7	µs/cm	CASA-21-210547
263684	R-36	766.9	01/18/2019	WG	Temperature	19.7	deg C	CASA-19-165999
276880	R-36	766.9	05/08/2019	WG	Temperature	20.7	deg C	CASA-19-175193
284902	R-36	766.9	07/11/2019	WG	Temperature	21	deg C	CASA-19-182707
302694	R-36	766.9	11/06/2019	WG	Temperature	20.2	deg C	CASA-20-189216
312662	R-36	766.9	01/14/2020	WG	Temperature	19.6	deg C	CASA-20-192780

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
331643	R-36	766.9	08/12/2020	WG	Temperature	21	deg C	CASA-20-198993
349019	R-36	766.9	11/10/2020	WG	Temperature	20.2	deg C	CASA-21-210547
263631	R-36	766.9	01/18/2019	WG	Turbidity	0.81	NTU	CASA-19-165999
276939	R-36	766.9	05/08/2019	WG	Turbidity	0.76	NTU	CASA-19-175193
284887	R-36	766.9	07/11/2019	WG	Turbidity	0.75	NTU	CASA-19-182707
302696	R-36	766.9	11/06/2019	WG	Turbidity	0.67	NTU	CASA-20-189216
312664	R-36	766.9	01/14/2020	WG	Turbidity	0.42	NTU	CASA-20-192780
331584	R-36	766.9	08/12/2020	WG	Turbidity	0.79	NTU	CASA-20-198993
349021	R-36	766.9	11/10/2020	WG	Turbidity	3.01	NTU	CASA-21-210547
263779	R-43 S1	903.9	01/18/2019	WG	Dissolved Oxygen	5.82	mg/L	CASA-19-166001
277341	R-43 S1	903.9	05/10/2019	WG	Dissolved Oxygen	6.94	mg/L	CASA-19-175195
285465	R-43 S1	903.9	07/11/2019	WG	Dissolved Oxygen	7.03	mg/L	CASA-19-182709
304503	R-43 S1	903.9	11/14/2019	WG	Dissolved Oxygen	6.91	mg/L	CASA-20-189219
310888	R-43 S1	903.9	01/09/2020	WG	Dissolved Oxygen	6.88	mg/L	CASA-20-192782
329923	R-43 S1	903.9	08/05/2020	WG	Dissolved Oxygen	7.01	mg/L	CASA-20-198995
351729	R-43 S1	903.9	11/19/2020	WG	Dissolved Oxygen	6.79	mg/L	CASA-21-210549
263778	R-43 S1	903.9	01/18/2019	WG	Flow (in gpm)	1.2	gpm	CASA-19-166001
277340	R-43 S1	903.9	05/10/2019	WG	Flow (in gpm)	1.46	gpm	CASA-19-175195
285464	R-43 S1	903.9	07/11/2019	WG	Flow (in gpm)	1.46	gpm	CASA-19-182709
304502	R-43 S1	903.9	11/14/2019	WG	Flow (in gpm)	1.58	gpm	CASA-20-189219
310887	R-43 S1	903.9	01/09/2020	WG	Flow (in gpm)	1.56	gpm	CASA-20-192782
329960	R-43 S1	903.9	08/05/2020	WG	Flow (in gpm)	1.55	gpm	CASA-20-198995
351728	R-43 S1	903.9	11/19/2020	WG	Flow (in gpm)	1.43	gpm	CASA-21-210549
263829	R-43 S1	903.9	01/18/2019	WG	Oxidation-Reduction Potential	356	mV	CASA-19-166001
277343	R-43 S1	903.9	05/10/2019	WG	Oxidation-Reduction Potential	168.1	mV	CASA-19-175195
285441	R-43 S1	903.9	07/11/2019	WG	Oxidation-Reduction Potential	189.2	mV	CASA-19-182709
304505	R-43 S1	903.9	11/14/2019	WG	Oxidation-Reduction Potential	161.3	mV	CASA-20-189219

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
310829	R-43 S1	903.9	01/09/2020	WG	Oxidation-Reduction Potential	206.3	mV	CASA-20-192782
329925	R-43 S1	903.9	08/05/2020	WG	Oxidation-Reduction Potential	169.3	mV	CASA-20-198995
351731	R-43 S1	903.9	11/19/2020	WG	Oxidation-Reduction Potential	181.8	mV	CASA-21-210549
263831	R-43 S1	903.9	01/18/2019	WG	pH	6.65	SU	CASA-19-166001
277292	R-43 S1	903.9	05/10/2019	WG	pH	8.32	SU	CASA-19-175195
285443	R-43 S1	903.9	07/11/2019	WG	pH	8.3	SU	CASA-19-182709
304507	R-43 S1	903.9	11/14/2019	WG	pH	8.26	SU	CASA-20-189219
310831	R-43 S1	903.9	01/09/2020	WG	pH	8.32	SU	CASA-20-192782
329927	R-43 S1	903.9	08/05/2020	WG	pH	8.14	SU	CASA-20-198995
351675	R-43 S1	903.9	11/19/2020	WG	pH	8.01	SU	CASA-21-210549
263833	R-43 S1	903.9	01/18/2019	WG	Specific Conductance	200.7	µs/cm	CASA-19-166001
277294	R-43 S1	903.9	05/10/2019	WG	Specific Conductance	198.6	µs/cm	CASA-19-175195
285445	R-43 S1	903.9	07/11/2019	WG	Specific Conductance	198.3	µs/cm	CASA-19-182709
304480	R-43 S1	903.9	11/14/2019	WG	Specific Conductance	195.5	µs/cm	CASA-20-189219
310889	R-43 S1	903.9	01/09/2020	WG	Specific Conductance	194.7	µs/cm	CASA-20-192782
329966	R-43 S1	903.9	08/05/2020	WG	Specific Conductance	194.7	µs/cm	CASA-20-198995
351677	R-43 S1	903.9	11/19/2020	WG	Specific Conductance	194	µs/cm	CASA-21-210549
263834	R-43 S1	903.9	01/18/2019	WG	Temperature	16.3	deg C	CASA-19-166001
277295	R-43 S1	903.9	05/10/2019	WG	Temperature	19.1	deg C	CASA-19-175195
285446	R-43 S1	903.9	07/11/2019	WG	Temperature	20.4	deg C	CASA-19-182709
304481	R-43 S1	903.9	11/14/2019	WG	Temperature	19.2	deg C	CASA-20-189219
310890	R-43 S1	903.9	01/09/2020	WG	Temperature	18	deg C	CASA-20-192782
329961	R-43 S1	903.9	08/05/2020	WG	Temperature	20.3	deg C	CASA-20-198995
351678	R-43 S1	903.9	11/19/2020	WG	Temperature	19.6	deg C	CASA-21-210549
263781	R-43 S1	903.9	01/18/2019	WG	Turbidity	2.42	NTU	CASA-19-166001
277345	R-43 S1	903.9	05/10/2019	WG	Turbidity	0.55	NTU	CASA-19-175195
285467	R-43 S1	903.9	07/11/2019	WG	Turbidity	0.78	NTU	CASA-19-182709

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
304483	R-43 S1	903.9	11/14/2019	WG	Turbidity	0.95	NTU	CASA-20-189219
310892	R-43 S1	903.9	01/09/2020	WG	Turbidity	0.11	NTU	CASA-20-192782
329963	R-43 S1	903.9	08/05/2020	WG	Turbidity	0.44	NTU	CASA-20-198995
351733	R-43 S1	903.9	11/19/2020	WG	Turbidity	0.48	NTU	CASA-21-210549
263952	R-43 S2	969.1	01/22/2019	WG	Dissolved Oxygen	3.47	mg/L	CASA-19-166003
279001	R-43 S2	969.1	05/16/2019	WG	Dissolved Oxygen	3.47	mg/L	CASA-19-175197
285509	R-43 S2	969.1	07/11/2019	WG	Dissolved Oxygen	3.58	mg/L	CASA-19-182711
302629	R-43 S2	969.1	11/05/2019	WG	Dissolved Oxygen	3.53	mg/L	CASA-20-189224
310964	R-43 S2	969.1	01/09/2020	WG	Dissolved Oxygen	3.72	mg/L	CASA-20-192787
330611	R-43 S2	969.1	08/07/2020	WG	Dissolved Oxygen	3.83	mg/L	CASA-20-198997
347549	R-43 S2	969.1	11/03/2020	WG	Dissolved Oxygen	3.92	mg/L	CASA-21-210552
263951	R-43 S2	969.1	01/22/2019	WG	Flow (in gpm)	1.22	gpm	CASA-19-166003
278942	R-43 S2	969.1	05/16/2019	WG	Flow (in gpm)	1.52	gpm	CASA-19-175197
285508	R-43 S2	969.1	07/11/2019	WG	Flow (in gpm)	1.6	gpm	CASA-19-182711
302628	R-43 S2	969.1	11/05/2019	WG	Flow (in gpm)	1.43	gpm	CASA-20-189224
310963	R-43 S2	969.1	01/09/2020	WG	Flow (in gpm)	1.57	gpm	CASA-20-192787
330610	R-43 S2	969.1	08/07/2020	WG	Flow (in gpm)	1.52	gpm	CASA-20-198997
347548	R-43 S2	969.1	11/03/2020	WG	Flow (in gpm)	1.49	gpm	CASA-21-210552
263954	R-43 S2	969.1	01/22/2019	WG	Oxidation-Reduction Potential	194.3	mV	CASA-19-166003
279003	R-43 S2	969.1	05/16/2019	WG	Oxidation-Reduction Potential	149.2	mV	CASA-19-175197
285511	R-43 S2	969.1	07/11/2019	WG	Oxidation-Reduction Potential	167.6	mV	CASA-19-182711
302602	R-43 S2	969.1	11/05/2019	WG	Oxidation-Reduction Potential	166.4	mV	CASA-20-189224
311001	R-43 S2	969.1	01/09/2020	WG	Oxidation-Reduction Potential	170.2	mV	CASA-20-192787
330613	R-43 S2	969.1	08/07/2020	WG	Oxidation-Reduction Potential	179.3	mV	CASA-20-198997
347551	R-43 S2	969.1	11/03/2020	WG	Oxidation-Reduction Potential	156.7	mV	CASA-21-210552
263895	R-43 S2	969.1	01/22/2019	WG	pH	8.65	SU	CASA-19-166003
279005	R-43 S2	969.1	05/16/2019	WG	pH	8.71	SU	CASA-19-175197

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
285513	R-43 S2	969.1	07/11/2019	WG	pH	8.68	SU	CASA-19-182711
302604	R-43 S2	969.1	11/05/2019	WG	pH	8.79	SU	CASA-20-189224
311003	R-43 S2	969.1	01/09/2020	WG	pH	8.75	SU	CASA-20-192787
330615	R-43 S2	969.1	08/07/2020	WG	pH	8.71	SU	CASA-20-198997
347553	R-43 S2	969.1	11/03/2020	WG	pH	8.67	SU	CASA-21-210552
263897	R-43 S2	969.1	01/22/2019	WG	Specific Conductance	193.5	µs/cm	CASA-19-166003
279007	R-43 S2	969.1	05/16/2019	WG	Specific Conductance	194.3	µs/cm	CASA-19-175197
285515	R-43 S2	969.1	07/11/2019	WG	Specific Conductance	195.1	µs/cm	CASA-19-182711
302606	R-43 S2	969.1	11/05/2019	WG	Specific Conductance	194.8	µs/cm	CASA-20-189224
311005	R-43 S2	969.1	01/09/2020	WG	Specific Conductance	191.6	µs/cm	CASA-20-192787
330617	R-43 S2	969.1	08/07/2020	WG	Specific Conductance	195.4	µs/cm	CASA-20-198997
347555	R-43 S2	969.1	11/03/2020	WG	Specific Conductance	196.1	µs/cm	CASA-21-210552
263898	R-43 S2	969.1	01/22/2019	WG	Temperature	17	deg C	CASA-19-166003
278943	R-43 S2	969.1	05/16/2019	WG	Temperature	20.1	deg C	CASA-19-175197
285516	R-43 S2	969.1	07/11/2019	WG	Temperature	20.4	deg C	CASA-19-182711
302607	R-43 S2	969.1	11/05/2019	WG	Temperature	19.3	deg C	CASA-20-189224
311006	R-43 S2	969.1	01/09/2020	WG	Temperature	18.9	deg C	CASA-20-192787
330618	R-43 S2	969.1	08/07/2020	WG	Temperature	19.6	deg C	CASA-20-198997
347635	R-43 S2	969.1	11/03/2020	WG	Temperature	19.5	deg C	CASA-21-210552
263900	R-43 S2	969.1	01/22/2019	WG	Turbidity	0.41	NTU	CASA-19-166003
278945	R-43 S2	969.1	05/16/2019	WG	Turbidity	0.44	NTU	CASA-19-175197
285518	R-43 S2	969.1	07/11/2019	WG	Turbidity	0.56	NTU	CASA-19-182711
302631	R-43 S2	969.1	11/05/2019	WG	Turbidity	0.25	NTU	CASA-20-189224
310934	R-43 S2	969.1	01/09/2020	WG	Turbidity	0.19	NTU	CASA-20-192787
330543	R-43 S2	969.1	08/07/2020	WG	Turbidity	0.53	NTU	CASA-20-198997
347637	R-43 S2	969.1	11/03/2020	WG	Turbidity	1.08	NTU	CASA-21-210552
292512	R-44 S1	895.0	09/12/2019	WG	Dissolved Oxygen	7.11	mg/L	CAMO-19-186510

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
296512	R-44 S1	895.0	10/11/2019	WG	Dissolved Oxygen	6.97	mg/L	CAMO-20-188142
306821	R-44 S1	895.0	11/20/2019	WG	Dissolved Oxygen	6.89	mg/L	CAMO-20-189162
308643	R-44 S1	895.0	12/10/2019	WG	Dissolved Oxygen	6.92	mg/L	CAMO-20-190661
313229	R-44 S1	895.0	01/21/2020	WG	Dissolved Oxygen	6.7	mg/L	CAMO-20-192722
317143	R-44 S1	895.0	02/20/2020	WG	Dissolved Oxygen	6.54	mg/L	CAMO-20-193942
318039	R-44 S1	895.0	03/12/2020	WG	Dissolved Oxygen	6.75	mg/L	CAMO-20-196233
323712	R-44 S1	895.0	06/25/2020	WG	Dissolved Oxygen	5.04	mg/L	CAMO-20-205254
328673	R-44 S1	895.0	07/29/2020	WG	Dissolved Oxygen	5.2	mg/L	CAMO-20-205412
331009	R-44 S1	895.0	08/11/2020	WG	Dissolved Oxygen	5.03	mg/L	CAMO-20-198883
336456	R-44 S1	895.0	09/10/2020	WG	Dissolved Oxygen	4.24	mg/L	CAMO-20-205998
341137	R-44 S1	895.0	10/08/2020	WG	Dissolved Oxygen	5.3	mg/L	CAMO-21-208154
351114	R-44 S1	895.0	11/17/2020	WG	Dissolved Oxygen	4.22	mg/L	CAMO-21-210554
356404	R-44 S1	895.0	12/14/2020	WG	Dissolved Oxygen	5.15	mg/L	CAMO-21-210994
292511	R-44 S1	895.0	09/12/2019	WG	Flow (in gpm)	3	gpm	CAMO-19-186510
296511	R-44 S1	895.0	10/11/2019	WG	Flow (in gpm)	3.16	gpm	CAMO-20-188142
306901	R-44 S1	895.0	11/20/2019	WG	Flow (in gpm)	3.09	gpm	CAMO-20-189162
308642	R-44 S1	895.0	12/10/2019	WG	Flow (in gpm)	3.13	gpm	CAMO-20-190661
313228	R-44 S1	895.0	01/21/2020	WG	Flow (in gpm)	3.15	gpm	CAMO-20-192722
317142	R-44 S1	895.0	02/20/2020	WG	Flow (in gpm)	3	gpm	CAMO-20-193942
318038	R-44 S1	895.0	03/12/2020	WG	Flow (in gpm)	3.06	gpm	CAMO-20-196233
323711	R-44 S1	895.0	06/25/2020	WG	Flow (in gpm)	3.09	gpm	CAMO-20-205254
328740	R-44 S1	895.0	07/29/2020	WG	Flow (in gpm)	3.09	gpm	CAMO-20-205412
331008	R-44 S1	895.0	08/11/2020	WG	Flow (in gpm)	3.09	gpm	CAMO-20-198883
336455	R-44 S1	895.0	09/10/2020	WG	Flow (in gpm)	3.06	gpm	CAMO-20-205998
341136	R-44 S1	895.0	10/08/2020	WG	Flow (in gpm)	2.97	gpm	CAMO-21-208154
351113	R-44 S1	895.0	11/17/2020	WG	Flow (in gpm)	3.06	gpm	CAMO-21-210554
356403	R-44 S1	895.0	12/14/2020	WG	Flow (in gpm)	3	gpm	CAMO-21-210994

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
292514	R-44 S1	895.0	09/12/2019	WG	Oxidation-Reduction Potential	124.8	mV	CAMO-19-186510
296530	R-44 S1	895.0	10/11/2019	WG	Oxidation-Reduction Potential	68.8	mV	CAMO-20-188142
306823	R-44 S1	895.0	11/20/2019	WG	Oxidation-Reduction Potential	75.8	mV	CAMO-20-189162
308645	R-44 S1	895.0	12/10/2019	WG	Oxidation-Reduction Potential	181.3	mV	CAMO-20-190661
313231	R-44 S1	895.0	01/21/2020	WG	Oxidation-Reduction Potential	90.5	mV	CAMO-20-192722
317145	R-44 S1	895.0	02/20/2020	WG	Oxidation-Reduction Potential	57.2	mV	CAMO-20-193942
317999	R-44 S1	895.0	03/12/2020	WG	Oxidation-Reduction Potential	55.5	mV	CAMO-20-196233
323714	R-44 S1	895.0	06/25/2020	WG	Oxidation-Reduction Potential	79.5	mV	CAMO-20-205254
328675	R-44 S1	895.0	07/29/2020	WG	Oxidation-Reduction Potential	54.9	mV	CAMO-20-205412
331011	R-44 S1	895.0	08/11/2020	WG	Oxidation-Reduction Potential	81.5	mV	CAMO-20-198883
336504	R-44 S1	895.0	09/10/2020	WG	Oxidation-Reduction Potential	56	mV	CAMO-20-205998
341110	R-44 S1	895.0	10/08/2020	WG	Oxidation-Reduction Potential	77.7	mV	CAMO-21-208154
351054	R-44 S1	895.0	11/17/2020	WG	Oxidation-Reduction Potential	79.9	mV	CAMO-21-210554
356406	R-44 S1	895.0	12/14/2020	WG	Oxidation-Reduction Potential	48.4	mV	CAMO-21-210994
292565	R-44 S1	895.0	09/12/2019	WG	pH	6.66	SU	CAMO-19-186510
296532	R-44 S1	895.0	10/11/2019	WG	pH	7.7	SU	CAMO-20-188142
306825	R-44 S1	895.0	11/20/2019	WG	pH	7.74	SU	CAMO-20-189162
308651	R-44 S1	895.0	12/10/2019	WG	pH	7.61	SU	CAMO-20-190661
313125	R-44 S1	895.0	01/21/2020	WG	pH	7.64	SU	CAMO-20-192722
317151	R-44 S1	895.0	02/20/2020	WG	pH	7.66	SU	CAMO-20-193942
318001	R-44 S1	895.0	03/12/2020	WG	pH	7.67	SU	CAMO-20-196233
323716	R-44 S1	895.0	06/25/2020	WG	pH	7.78	SU	CAMO-20-205254
328741	R-44 S1	895.0	07/29/2020	WG	pH	7.7	SU	CAMO-20-205412
331013	R-44 S1	895.0	08/11/2020	WG	pH	7.66	SU	CAMO-20-198883
336506	R-44 S1	895.0	09/10/2020	WG	pH	7.71	SU	CAMO-20-205998
341112	R-44 S1	895.0	10/08/2020	WG	pH	7.77	SU	CAMO-21-208154
351056	R-44 S1	895.0	11/17/2020	WG	pH	7.43	SU	CAMO-21-210554

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
356360	R-44 S1	895.0	12/14/2020	WG	pH	7.77	SU	CAMO-21-210994
292567	R-44 S1	895.0	09/12/2019	WG	Specific Conductance	249.1	µs/cm	CAMO-19-186510
296514	R-44 S1	895.0	10/11/2019	WG	Specific Conductance	249.7	µs/cm	CAMO-20-188142
306902	R-44 S1	895.0	11/20/2019	WG	Specific Conductance	250.9	µs/cm	CAMO-20-189162
308647	R-44 S1	895.0	12/10/2019	WG	Specific Conductance	258.3	µs/cm	CAMO-20-190661
313127	R-44 S1	895.0	01/21/2020	WG	Specific Conductance	250.1	µs/cm	CAMO-20-192722
317147	R-44 S1	895.0	02/20/2020	WG	Specific Conductance	256.1	µs/cm	CAMO-20-193942
318003	R-44 S1	895.0	03/12/2020	WG	Specific Conductance	257	µs/cm	CAMO-20-196233
323670	R-44 S1	895.0	06/25/2020	WG	Specific Conductance	250.8	µs/cm	CAMO-20-205254
328667	R-44 S1	895.0	07/29/2020	WG	Specific Conductance	255.4	µs/cm	CAMO-20-205412
331021	R-44 S1	895.0	08/11/2020	WG	Specific Conductance	251.7	µs/cm	CAMO-20-198883
336459	R-44 S1	895.0	09/10/2020	WG	Specific Conductance	252.8	µs/cm	CAMO-20-205998
341114	R-44 S1	895.0	10/08/2020	WG	Specific Conductance	255.8	µs/cm	CAMO-21-208154
351058	R-44 S1	895.0	11/17/2020	WG	Specific Conductance	255.5	µs/cm	CAMO-21-210554
356408	R-44 S1	895.0	12/14/2020	WG	Specific Conductance	257.2	µs/cm	CAMO-21-210994
292568	R-44 S1	895.0	09/12/2019	WG	Temperature	20.9	deg C	CAMO-19-186510
296515	R-44 S1	895.0	10/11/2019	WG	Temperature	20.4	deg C	CAMO-20-188142
306903	R-44 S1	895.0	11/20/2019	WG	Temperature	20.5	deg C	CAMO-20-189162
308648	R-44 S1	895.0	12/10/2019	WG	Temperature	20.4	deg C	CAMO-20-190661
313128	R-44 S1	895.0	01/21/2020	WG	Temperature	19.9	deg C	CAMO-20-192722
317148	R-44 S1	895.0	02/20/2020	WG	Temperature	20.3	deg C	CAMO-20-193942
318041	R-44 S1	895.0	03/12/2020	WG	Temperature	20.9	deg C	CAMO-20-196233
323671	R-44 S1	895.0	06/25/2020	WG	Temperature	21.3	deg C	CAMO-20-205254
328668	R-44 S1	895.0	07/29/2020	WG	Temperature	21.1	deg C	CAMO-20-205412
331022	R-44 S1	895.0	08/11/2020	WG	Temperature	21.2	deg C	CAMO-20-198883
336460	R-44 S1	895.0	09/10/2020	WG	Temperature	20.3	deg C	CAMO-20-205998
341139	R-44 S1	895.0	10/08/2020	WG	Temperature	20.7	deg C	CAMO-21-208154

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
351116	R-44 S1	895.0	11/17/2020	WG	Temperature	20.4	deg C	CAMO-21-210554
356409	R-44 S1	895.0	12/14/2020	WG	Temperature	19.8	deg C	CAMO-21-210994
292516	R-44 S1	895.0	09/12/2019	WG	Turbidity	4.66	NTU	CAMO-19-186510
296517	R-44 S1	895.0	10/11/2019	WG	Turbidity	0.36	NTU	CAMO-20-188142
306905	R-44 S1	895.0	11/20/2019	WG	Turbidity	0.44	NTU	CAMO-20-189162
308650	R-44 S1	895.0	12/10/2019	WG	Turbidity	1.24	NTU	CAMO-20-190661
313172	R-44 S1	895.0	01/21/2020	WG	Turbidity	0.57	NTU	CAMO-20-192722
317150	R-44 S1	895.0	02/20/2020	WG	Turbidity	3.26	NTU	CAMO-20-193942
318043	R-44 S1	895.0	03/12/2020	WG	Turbidity	0.25	NTU	CAMO-20-196233
323673	R-44 S1	895.0	06/25/2020	WG	Turbidity	0.38	NTU	CAMO-20-205254
328743	R-44 S1	895.0	07/29/2020	WG	Turbidity	0.4	NTU	CAMO-20-205412
331024	R-44 S1	895.0	08/11/2020	WG	Turbidity	1.4	NTU	CAMO-20-198883
336462	R-44 S1	895.0	09/10/2020	WG	Turbidity	0.5	NTU	CAMO-20-205998
341141	R-44 S1	895.0	10/08/2020	WG	Turbidity	0.22	NTU	CAMO-21-208154
351118	R-44 S1	895.0	11/17/2020	WG	Turbidity	0.9	NTU	CAMO-21-210554
356361	R-44 S1	895.0	12/14/2020	WG	Turbidity	0.42	NTU	CAMO-21-210994
292642	R-44 S2	985.3	09/12/2019	WG	Dissolved Oxygen	7.22	mg/L	CAMO-19-186517
296553	R-44 S2	985.3	10/11/2019	WG	Dissolved Oxygen	7.07	mg/L	CAMO-20-188145
306975	R-44 S2	985.3	11/20/2019	WG	Dissolved Oxygen	7.23	mg/L	CAMO-20-189165
308653	R-44 S2	985.3	12/10/2019	WG	Dissolved Oxygen	7.24	mg/L	CAMO-20-190664
313298	R-44 S2	985.3	01/21/2020	WG	Dissolved Oxygen	7.07	mg/L	CAMO-20-192727
317153	R-44 S2	985.3	02/20/2020	WG	Dissolved Oxygen	7.06	mg/L	CAMO-20-193953
319801	R-44 S2	985.3	03/12/2020	WG	Dissolved Oxygen	7.2	mg/L	CAMO-20-196236
323959	R-44 S2	985.3	06/26/2020	WG	Dissolved Oxygen	7.15	mg/L	CAMO-20-198508
328518	R-44 S2	985.3	07/29/2020	WG	Dissolved Oxygen	7.13	mg/L	CAMO-20-205415
331084	R-44 S2	985.3	08/11/2020	WG	Dissolved Oxygen	6.95	mg/L	CAMO-20-198885
336573	R-44 S2	985.3	09/10/2020	WG	Dissolved Oxygen	7.27	mg/L	CAMO-20-206001

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
341262	R-44 S2	985.3	10/08/2020	WG	Dissolved Oxygen	6.88	mg/L	CAMO-21-208161
351250	R-44 S2	985.3	11/17/2020	WG	Dissolved Oxygen	7.12	mg/L	CAMO-21-210557
356491	R-44 S2	985.3	12/14/2020	WG	Dissolved Oxygen	7.15	mg/L	CAMO-21-210997
292681	R-44 S2	985.3	09/12/2019	WG	Flow (in gpm)	3	gpm	CAMO-19-186517
296558	R-44 S2	985.3	10/11/2019	WG	Flow (in gpm)	3.03	gpm	CAMO-20-188145
306974	R-44 S2	985.3	11/20/2019	WG	Flow (in gpm)	3.09	gpm	CAMO-20-189165
308652	R-44 S2	985.3	12/10/2019	WG	Flow (in gpm)	3.06	gpm	CAMO-20-190664
313297	R-44 S2	985.3	01/21/2020	WG	Flow (in gpm)	3.26	gpm	CAMO-20-192727
317152	R-44 S2	985.3	02/20/2020	WG	Flow (in gpm)	3	gpm	CAMO-20-193953
319800	R-44 S2	985.3	03/12/2020	WG	Flow (in gpm)	3	gpm	CAMO-20-196236
323958	R-44 S2	985.3	06/26/2020	WG	Flow (in gpm)	3.09	gpm	CAMO-20-198508
328517	R-44 S2	985.3	07/29/2020	WG	Flow (in gpm)	3	gpm	CAMO-20-205415
331083	R-44 S2	985.3	08/11/2020	WG	Flow (in gpm)	3	gpm	CAMO-20-198885
336572	R-44 S2	985.3	09/10/2020	WG	Flow (in gpm)	3	gpm	CAMO-20-206001
341239	R-44 S2	985.3	10/08/2020	WG	Flow (in gpm)	3.03	gpm	CAMO-21-208161
351249	R-44 S2	985.3	11/17/2020	WG	Flow (in gpm)	2.97	gpm	CAMO-21-210557
356490	R-44 S2	985.3	12/14/2020	WG	Flow (in gpm)	3	gpm	CAMO-21-210997
292644	R-44 S2	985.3	09/12/2019	WG	Oxidation-Reduction Potential	154.8	mV	CAMO-19-186517
296555	R-44 S2	985.3	10/11/2019	WG	Oxidation-Reduction Potential	104.3	mV	CAMO-20-188145
306977	R-44 S2	985.3	11/20/2019	WG	Oxidation-Reduction Potential	140.7	mV	CAMO-20-189165
308655	R-44 S2	985.3	12/10/2019	WG	Oxidation-Reduction Potential	205.9	mV	CAMO-20-190664
313300	R-44 S2	985.3	01/21/2020	WG	Oxidation-Reduction Potential	169.4	mV	CAMO-20-192727
317155	R-44 S2	985.3	02/20/2020	WG	Oxidation-Reduction Potential	150.5	mV	CAMO-20-193953
319803	R-44 S2	985.3	03/12/2020	WG	Oxidation-Reduction Potential	150.2	mV	CAMO-20-196236
323961	R-44 S2	985.3	06/26/2020	WG	Oxidation-Reduction Potential	115.5	mV	CAMO-20-198508
328599	R-44 S2	985.3	07/29/2020	WG	Oxidation-Reduction Potential	121.7	mV	CAMO-20-205415
331129	R-44 S2	985.3	08/11/2020	WG	Oxidation-Reduction Potential	137	mV	CAMO-20-198885

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
336618	R-44 S2	985.3	09/10/2020	WG	Oxidation-Reduction Potential	131.7	mV	CAMO-20-206001
341179	R-44 S2	985.3	10/08/2020	WG	Oxidation-Reduction Potential	140.4	mV	CAMO-21-208161
351193	R-44 S2	985.3	11/17/2020	WG	Oxidation-Reduction Potential	149.1	mV	CAMO-21-210557
356508	R-44 S2	985.3	12/14/2020	WG	Oxidation-Reduction Potential	121.9	mV	CAMO-21-210997
292646	R-44 S2	985.3	09/12/2019	WG	pH	6.84	SU	CAMO-19-186517
296560	R-44 S2	985.3	10/11/2019	WG	pH	7.87	SU	CAMO-20-188145
307026	R-44 S2	985.3	11/20/2019	WG	pH	7.93	SU	CAMO-20-189165
308661	R-44 S2	985.3	12/10/2019	WG	pH	7.83	SU	CAMO-20-190664
313310	R-44 S2	985.3	01/21/2020	WG	pH	7.87	SU	CAMO-20-192727
317161	R-44 S2	985.3	02/20/2020	WG	pH	7.88	SU	CAMO-20-193953
319870	R-44 S2	985.3	03/12/2020	WG	pH	7.91	SU	CAMO-20-196236
324030	R-44 S2	985.3	06/26/2020	WG	pH	7.91	SU	CAMO-20-198508
328601	R-44 S2	985.3	07/29/2020	WG	pH	7.86	SU	CAMO-20-205415
331131	R-44 S2	985.3	08/11/2020	WG	pH	7.86	SU	CAMO-20-198885
336574	R-44 S2	985.3	09/10/2020	WG	pH	7.83	SU	CAMO-20-206001
341181	R-44 S2	985.3	10/08/2020	WG	pH	7.84	SU	CAMO-21-208161
351195	R-44 S2	985.3	11/17/2020	WG	pH	7.48	SU	CAMO-21-210557
356493	R-44 S2	985.3	12/14/2020	WG	pH	7.87	SU	CAMO-21-210997
292648	R-44 S2	985.3	09/12/2019	WG	Specific Conductance	136.8	µs/cm	CAMO-19-186517
296570	R-44 S2	985.3	10/11/2019	WG	Specific Conductance	136.1	µs/cm	CAMO-20-188145
307028	R-44 S2	985.3	11/20/2019	WG	Specific Conductance	136.4	µs/cm	CAMO-20-189165
308657	R-44 S2	985.3	12/10/2019	WG	Specific Conductance	140.6	µs/cm	CAMO-20-190664
313312	R-44 S2	985.3	01/21/2020	WG	Specific Conductance	135.9	µs/cm	CAMO-20-192727
317157	R-44 S2	985.3	02/20/2020	WG	Specific Conductance	137.4	µs/cm	CAMO-20-193953
319872	R-44 S2	985.3	03/12/2020	WG	Specific Conductance	138.3	µs/cm	CAMO-20-196236
324032	R-44 S2	985.3	06/26/2020	WG	Specific Conductance	137.2	µs/cm	CAMO-20-198508
328520	R-44 S2	985.3	07/29/2020	WG	Specific Conductance	139.1	µs/cm	CAMO-20-205415

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
331086	R-44 S2	985.3	08/11/2020	WG	Specific Conductance	136.7	µs/cm	CAMO-20-198885
336545	R-44 S2	985.3	09/10/2020	WG	Specific Conductance	138.8	µs/cm	CAMO-20-206001
341183	R-44 S2	985.3	10/08/2020	WG	Specific Conductance	139	µs/cm	CAMO-21-208161
351251	R-44 S2	985.3	11/17/2020	WG	Specific Conductance	138.7	µs/cm	CAMO-21-210557
356495	R-44 S2	985.3	12/14/2020	WG	Specific Conductance	137.6	µs/cm	CAMO-21-210997
292649	R-44 S2	985.3	09/12/2019	WG	Temperature	21.2	deg C	CAMO-19-186517
296561	R-44 S2	985.3	10/11/2019	WG	Temperature	20.4	deg C	CAMO-20-188145
307029	R-44 S2	985.3	11/20/2019	WG	Temperature	20.4	deg C	CAMO-20-189165
308658	R-44 S2	985.3	12/10/2019	WG	Temperature	20.48	deg C	CAMO-20-190664
313313	R-44 S2	985.3	01/21/2020	WG	Temperature	18.8	deg C	CAMO-20-192727
317158	R-44 S2	985.3	02/20/2020	WG	Temperature	20.1	deg C	CAMO-20-193953
319873	R-44 S2	985.3	03/12/2020	WG	Temperature	20.9	deg C	CAMO-20-196236
324033	R-44 S2	985.3	06/26/2020	WG	Temperature	21.1	deg C	CAMO-20-198508
328521	R-44 S2	985.3	07/29/2020	WG	Temperature	21.5	deg C	CAMO-20-205415
331059	R-44 S2	985.3	08/11/2020	WG	Temperature	21.9	deg C	CAMO-20-198885
336546	R-44 S2	985.3	09/10/2020	WG	Temperature	20.7	deg C	CAMO-20-206001
341184	R-44 S2	985.3	10/08/2020	WG	Temperature	21.2	deg C	CAMO-21-208161
351252	R-44 S2	985.3	11/17/2020	WG	Temperature	20.5	deg C	CAMO-21-210557
356510	R-44 S2	985.3	12/14/2020	WG	Temperature	20.1	deg C	CAMO-21-210997
292659	R-44 S2	985.3	09/12/2019	WG	Turbidity	0.19	NTU	CAMO-19-186517
296571	R-44 S2	985.3	10/11/2019	WG	Turbidity	0.19	NTU	CAMO-20-188145
306979	R-44 S2	985.3	11/20/2019	WG	Turbidity	0.44	NTU	CAMO-20-189165
308660	R-44 S2	985.3	12/10/2019	WG	Turbidity	0.1	NTU	CAMO-20-190664
313302	R-44 S2	985.3	01/21/2020	WG	Turbidity	1.31	NTU	CAMO-20-192727
317160	R-44 S2	985.3	02/20/2020	WG	Turbidity	0.08	NTU	CAMO-20-193953
319875	R-44 S2	985.3	03/12/2020	WG	Turbidity	0.07	NTU	CAMO-20-196236
324035	R-44 S2	985.3	06/26/2020	WG	Turbidity	0.12	NTU	CAMO-20-198508

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
328538	R-44 S2	985.3	07/29/2020	WG	Turbidity	0.19	NTU	CAMO-20-205415
331061	R-44 S2	985.3	08/11/2020	WG	Turbidity	0.41	NTU	CAMO-20-198885
336576	R-44 S2	985.3	09/10/2020	WG	Turbidity	0.17	NTU	CAMO-20-206001
341248	R-44 S2	985.3	10/08/2020	WG	Turbidity	0.1	NTU	CAMO-21-208161
351254	R-44 S2	985.3	11/17/2020	WG	Turbidity	0.5	NTU	CAMO-21-210557
356496	R-44 S2	985.3	12/14/2020	WG	Turbidity	0.19	NTU	CAMO-21-210997
285691	R-45 S1	880.0	07/16/2019	WG	Dissolved Oxygen	7.23	mg/L	CAMO-19-181853
291432	R-45 S1	880.0	08/23/2019	WG	Dissolved Oxygen	7.23	mg/L	CAMO-19-184730
295544	R-45 S1	880.0	09/26/2019	WG	Dissolved Oxygen	7.22	mg/L	CAMO-19-186520
298399	R-45 S1	880.0	10/17/2019	WG	Dissolved Oxygen	7.26	mg/L	CAMO-20-188148
—	R-45 S1	880.0	11/19/2019	WG	Dissolved Oxygen	7.07	mg/L	—
308406	R-45 S1	880.0	12/06/2019	WG	Dissolved Oxygen	7.24	mg/L	CAMO-20-190668
313886	R-45 S1	880.0	01/22/2020	WG	Dissolved Oxygen	7.23	mg/L	CAMO-20-192730
317303	R-45 S1	880.0	02/28/2020	WG	Dissolved Oxygen	7.28	mg/L	CAMO-20-193956
318144	R-45 S1	880.0	03/13/2020	WG	Dissolved Oxygen	7.18	mg/L	CAMO-20-196239
323293	R-45 S1	880.0	06/24/2020	WG	Dissolved Oxygen	7.19	mg/L	CAMO-20-205241
328044	R-45 S1	880.0	07/28/2020	WG	Dissolved Oxygen	7.17	mg/L	CAMO-20-205419
331257	R-45 S1	880.0	08/11/2020	WG	Dissolved Oxygen	7.17	mg/L	CAMO-20-198888
337083	R-45 S1	880.0	09/14/2020	WG	Dissolved Oxygen	7.19	mg/L	CAMO-20-206004
341310	R-45 S1	880.0	10/09/2020	WG	Dissolved Oxygen	6.98	mg/L	CAMO-21-208166
351488	R-45 S1	880.0	11/19/2020	WG	Dissolved Oxygen	7.2	mg/L	CAMO-21-210560
356801	R-45 S1	880.0	12/16/2020	WG	Dissolved Oxygen	7.08	mg/L	CAMO-21-211000
285690	R-45 S1	880.0	07/16/2019	WG	Flow (in gpm)	3.33	gpm	CAMO-19-181853
291431	R-45 S1	880.0	08/23/2019	WG	Flow (in gpm)	3.26	gpm	CAMO-19-184730
295543	R-45 S1	880.0	09/26/2019	WG	Flow (in gpm)	3.16	gpm	CAMO-19-186520
298398	R-45 S1	880.0	10/17/2019	WG	Flow (in gpm)	3.06	gpm	CAMO-20-188148
—	R-45 S1	880.0	11/19/2019	WG	Flow (in gpm)	3.16	gpm	—

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
308405	R-45 S1	880.0	12/06/2019	WG	Flow (in gpm)	3.13	gpm	CAMO-20-190668
313885	R-45 S1	880.0	01/22/2020	WG	Flow (in gpm)	3.33	gpm	CAMO-20-192730
317302	R-45 S1	880.0	02/28/2020	WG	Flow (in gpm)	3.12	gpm	CAMO-20-193956
318143	R-45 S1	880.0	03/13/2020	WG	Flow (in gpm)	3.13	gpm	CAMO-20-196239
323292	R-45 S1	880.0	06/24/2020	WG	Flow (in gpm)	3.13	gpm	CAMO-20-205241
328043	R-45 S1	880.0	07/28/2020	WG	Flow (in gpm)	3.09	gpm	CAMO-20-205419
331256	R-45 S1	880.0	08/11/2020	WG	Flow (in gpm)	3	gpm	CAMO-20-198888
337082	R-45 S1	880.0	09/14/2020	WG	Flow (in gpm)	2.97	gpm	CAMO-20-206004
341309	R-45 S1	880.0	10/09/2020	WG	Flow (in gpm)	3.03	gpm	CAMO-21-208166
351487	R-45 S1	880.0	11/19/2020	WG	Flow (in gpm)	3.06	gpm	CAMO-21-210560
356800	R-45 S1	880.0	12/16/2020	WG	Flow (in gpm)	3.06	gpm	CAMO-21-211000
285641	R-45 S1	880.0	07/16/2019	WG	Oxidation-Reduction Potential	162	mV	CAMO-19-181853
291434	R-45 S1	880.0	08/23/2019	WG	Oxidation-Reduction Potential	181.2	mV	CAMO-19-184730
295546	R-45 S1	880.0	09/26/2019	WG	Oxidation-Reduction Potential	163.5	mV	CAMO-19-186520
298401	R-45 S1	880.0	10/17/2019	WG	Oxidation-Reduction Potential	154.2	mV	CAMO-20-188148
—	R-45 S1	880.0	11/19/2019	WG	Oxidation-Reduction Potential	208.2	mV	—
308408	R-45 S1	880.0	12/06/2019	WG	Oxidation-Reduction Potential	181.1	mV	CAMO-20-190668
313849	R-45 S1	880.0	01/22/2020	WG	Oxidation-Reduction Potential	207	mV	CAMO-20-192730
317305	R-45 S1	880.0	02/28/2020	WG	Oxidation-Reduction Potential	167.8	mV	CAMO-20-193956
318146	R-45 S1	880.0	03/13/2020	WG	Oxidation-Reduction Potential	155.5	mV	CAMO-20-196239
323323	R-45 S1	880.0	06/24/2020	WG	Oxidation-Reduction Potential	110.7	mV	CAMO-20-205241
328046	R-45 S1	880.0	07/28/2020	WG	Oxidation-Reduction Potential	124.5	mV	CAMO-20-205419
331199	R-45 S1	880.0	08/11/2020	WG	Oxidation-Reduction Potential	196.6	mV	CAMO-20-198888
337005	R-45 S1	880.0	09/14/2020	WG	Oxidation-Reduction Potential	161.7	mV	CAMO-20-206004
341312	R-45 S1	880.0	10/09/2020	WG	Oxidation-Reduction Potential	159.3	mV	CAMO-21-208166
351428	R-45 S1	880.0	11/19/2020	WG	Oxidation-Reduction Potential	192.2	mV	CAMO-21-210560
356803	R-45 S1	880.0	12/16/2020	WG	Oxidation-Reduction Potential	117.9	mV	CAMO-21-211000

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
285643	R-45 S1	880.0	07/16/2019	WG	pH	7.9	SU	CAMO-19-181853
291440	R-45 S1	880.0	08/23/2019	WG	pH	7.8	SU	CAMO-19-184730
295548	R-45 S1	880.0	09/26/2019	WG	pH	7.8	SU	CAMO-19-186520
298403	R-45 S1	880.0	10/17/2019	WG	pH	7.83	SU	CAMO-20-188148
—	R-45 S1	880.0	11/19/2019	WG	pH	7.72	SU	—
308414	R-45 S1	880.0	12/06/2019	WG	pH	7.81	SU	CAMO-20-190668
313851	R-45 S1	880.0	01/22/2020	WG	pH	7.79	SU	CAMO-20-192730
317307	R-45 S1	880.0	02/28/2020	WG	pH	7.81	SU	CAMO-20-193956
318186	R-45 S1	880.0	03/13/2020	WG	pH	7.8	SU	CAMO-20-196239
323294	R-45 S1	880.0	06/24/2020	WG	pH	7.77	SU	CAMO-20-205241
328103	R-45 S1	880.0	07/28/2020	WG	pH	7.68	SU	CAMO-20-205419
331201	R-45 S1	880.0	08/11/2020	WG	pH	7.56	SU	CAMO-20-198888
337091	R-45 S1	880.0	09/14/2020	WG	pH	7.37	SU	CAMO-20-206004
341314	R-45 S1	880.0	10/09/2020	WG	pH	7.77	SU	CAMO-21-208166
351489	R-45 S1	880.0	11/19/2020	WG	pH	7.43	SU	CAMO-21-210560
356805	R-45 S1	880.0	12/16/2020	WG	pH	7.77	SU	CAMO-21-211000
285692	R-45 S1	880.0	07/16/2019	WG	Specific Conductance	176.6	µs/cm	CAMO-19-181853
291436	R-45 S1	880.0	08/23/2019	WG	Specific Conductance	350.7	µs/cm	CAMO-19-184730
295550	R-45 S1	880.0	09/26/2019	WG	Specific Conductance	176.1	µs/cm	CAMO-19-186520
298320	R-45 S1	880.0	10/17/2019	WG	Specific Conductance	175.3	µs/cm	CAMO-20-188148
—	R-45 S1	880.0	11/19/2019	WG	Specific Conductance	175.4	µs/cm	—
308410	R-45 S1	880.0	12/06/2019	WG	Specific Conductance	177.9	µs/cm	CAMO-20-190668
313888	R-45 S1	880.0	01/22/2020	WG	Specific Conductance	183.8	µs/cm	CAMO-20-192730
317331	R-45 S1	880.0	02/28/2020	WG	Specific Conductance	202	µs/cm	CAMO-20-193956
318147	R-45 S1	880.0	03/13/2020	WG	Specific Conductance	211.8	µs/cm	CAMO-20-196239
323296	R-45 S1	880.0	06/24/2020	WG	Specific Conductance	247.8	µs/cm	CAMO-20-205241
328105	R-45 S1	880.0	07/28/2020	WG	Specific Conductance	245.6	µs/cm	CAMO-20-205419

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
331203	R-45 S1	880.0	08/11/2020	WG	Specific Conductance	244	µs/cm	CAMO-20-198888
337093	R-45 S1	880.0	09/14/2020	WG	Specific Conductance	242.5	µs/cm	CAMO-20-206004
341316	R-45 S1	880.0	10/09/2020	WG	Specific Conductance	222.1	µs/cm	CAMO-21-208166
351491	R-45 S1	880.0	11/19/2020	WG	Specific Conductance	234.4	µs/cm	CAMO-21-210560
356807	R-45 S1	880.0	12/16/2020	WG	Specific Conductance	243	µs/cm	CAMO-21-211000
285693	R-45 S1	880.0	07/16/2019	WG	Temperature	21.5	deg C	CAMO-19-181853
291437	R-45 S1	880.0	08/23/2019	WG	Temperature	21.2	deg C	CAMO-19-184730
295568	R-45 S1	880.0	09/26/2019	WG	Temperature	21.2	deg C	CAMO-19-186520
298321	R-45 S1	880.0	10/17/2019	WG	Temperature	21	deg C	CAMO-20-188148
—	R-45 S1	880.0	11/19/2019	WG	Temperature	20.7	deg C	—
308411	R-45 S1	880.0	12/06/2019	WG	Temperature	20.5	deg C	CAMO-20-190668
313876	R-45 S1	880.0	01/22/2020	WG	Temperature	19.7	deg C	CAMO-20-192730
317332	R-45 S1	880.0	02/28/2020	WG	Temperature	20.8	deg C	CAMO-20-193956
318148	R-45 S1	880.0	03/13/2020	WG	Temperature	20.4	deg C	CAMO-20-196239
323325	R-45 S1	880.0	06/24/2020	WG	Temperature	21.5	deg C	CAMO-20-205241
328106	R-45 S1	880.0	07/28/2020	WG	Temperature	21.1	deg C	CAMO-20-205419
331259	R-45 S1	880.0	08/11/2020	WG	Temperature	21.5	deg C	CAMO-20-198888
337094	R-45 S1	880.0	09/14/2020	WG	Temperature	21.2	deg C	CAMO-20-206004
341317	R-45 S1	880.0	10/09/2020	WG	Temperature	21	deg C	CAMO-21-208166
351492	R-45 S1	880.0	11/19/2020	WG	Temperature	20.9	deg C	CAMO-21-210560
356808	R-45 S1	880.0	12/16/2020	WG	Temperature	19.6	deg C	CAMO-21-211000
285695	R-45 S1	880.0	07/16/2019	WG	Turbidity	0.44	NTU	CAMO-19-181853
291439	R-45 S1	880.0	08/23/2019	WG	Turbidity	0.17	NTU	CAMO-19-184730
295570	R-45 S1	880.0	09/26/2019	WG	Turbidity	0.25	NTU	CAMO-19-186520
298323	R-45 S1	880.0	10/17/2019	WG	Turbidity	0.01	NTU	CAMO-20-188148
—	R-45 S1	880.0	11/19/2019	WG	Turbidity	0.33	NTU	—
308413	R-45 S1	880.0	12/06/2019	WG	Turbidity	0.09	NTU	CAMO-20-190668

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
313878	R-45 S1	880.0	01/22/2020	WG	Turbidity	0.44	NTU	CAMO-20-192730
317334	R-45 S1	880.0	02/28/2020	WG	Turbidity	0.19	NTU	CAMO-20-193956
318150	R-45 S1	880.0	03/13/2020	WG	Turbidity	9.62	NTU	CAMO-20-196239
323327	R-45 S1	880.0	06/24/2020	WG	Turbidity	0.2	NTU	CAMO-20-205241
328108	R-45 S1	880.0	07/28/2020	WG	Turbidity	3.59	NTU	CAMO-20-205419
331261	R-45 S1	880.0	08/11/2020	WG	Turbidity	0.64	NTU	CAMO-20-198888
337008	R-45 S1	880.0	09/14/2020	WG	Turbidity	1.04	NTU	CAMO-20-206004
341319	R-45 S1	880.0	10/09/2020	WG	Turbidity	0.1	NTU	CAMO-21-208166
351431	R-45 S1	880.0	11/19/2020	WG	Turbidity	1.11	NTU	CAMO-21-210560
356810	R-45 S1	880.0	12/16/2020	WG	Turbidity	0.12	NTU	CAMO-21-211000
295711	R-45 S2	974.9	09/26/2019	WG	Dissolved Oxygen	6.51	mg/L	CAMO-19-186526
298515	R-45 S2	974.9	10/17/2019	WG	Dissolved Oxygen	6.41	mg/L	CAMO-20-188152
306342	R-45 S2	974.9	11/19/2019	WG	Dissolved Oxygen	6.46	mg/L	CAMO-20-189171
308081	R-45 S2	974.9	12/06/2019	WG	Dissolved Oxygen	6.62	mg/L	CAMO-20-190674
314030	R-45 S2	974.9	01/22/2020	WG	Dissolved Oxygen	6.68	mg/L	CAMO-20-192733
317513	R-45 S2	974.9	02/28/2020	WG	Dissolved Oxygen	6.64	mg/L	CAMO-20-193959
318265	R-45 S2	974.9	03/13/2020	WG	Dissolved Oxygen	6.67	mg/L	CAMO-20-196242
323216	R-45 S2	974.9	06/24/2020	WG	Dissolved Oxygen	6.66	mg/L	CAMO-20-205244
328189	R-45 S2	974.9	07/28/2020	WG	Dissolved Oxygen	6.62	mg/L	CAMO-20-205427
331325	R-45 S2	974.9	08/11/2020	WG	Dissolved Oxygen	6.57	mg/L	CAMO-20-198943
337260	R-45 S2	974.9	09/14/2020	WG	Dissolved Oxygen	6.41	mg/L	CAMO-20-206007
341416	R-45 S2	974.9	10/09/2020	WG	Dissolved Oxygen	6.66	mg/L	CAMO-21-208191
351541	R-45 S2	974.9	11/19/2020	WG	Dissolved Oxygen	6.69	mg/L	CAMO-21-210563
356881	R-45 S2	974.9	12/16/2020	WG	Dissolved Oxygen	6.55	mg/L	CAMO-21-211004
295710	R-45 S2	974.9	09/26/2019	WG	Flow (in gpm)	3.22	gpm	CAMO-19-186526
298514	R-45 S2	974.9	10/17/2019	WG	Flow (in gpm)	3.13	gpm	CAMO-20-188152
306412	R-45 S2	974.9	11/19/2019	WG	Flow (in gpm)	3.09	gpm	CAMO-20-189171

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
308080	R-45 S2	974.9	12/06/2019	WG	Flow (in gpm)	3.13	gpm	CAMO-20-190674
314002	R-45 S2	974.9	01/22/2020	WG	Flow (in gpm)	3.26	gpm	CAMO-20-192733
317512	R-45 S2	974.9	02/28/2020	WG	Flow (in gpm)	3.15	gpm	CAMO-20-193959
318264	R-45 S2	974.9	03/13/2020	WG	Flow (in gpm)	3.13	gpm	CAMO-20-196242
323242	R-45 S2	974.9	06/24/2020	WG	Flow (in gpm)	3.13	gpm	CAMO-20-205244
328188	R-45 S2	974.9	07/28/2020	WG	Flow (in gpm)	3.03	gpm	CAMO-20-205427
331324	R-45 S2	974.9	08/11/2020	WG	Flow (in gpm)	3.12	gpm	CAMO-20-198943
337259	R-45 S2	974.9	09/14/2020	WG	Flow (in gpm)	3.13	gpm	CAMO-20-206007
341488	R-45 S2	974.9	10/09/2020	WG	Flow (in gpm)	3.06	gpm	CAMO-21-208191
351540	R-45 S2	974.9	11/19/2020	WG	Flow (in gpm)	3.13	gpm	CAMO-21-210563
356950	R-45 S2	974.9	12/16/2020	WG	Flow (in gpm)	3.06	gpm	CAMO-21-211004
295596	R-45 S2	974.9	09/26/2019	WG	Oxidation-Reduction Potential	164.3	mV	CAMO-19-186526
298517	R-45 S2	974.9	10/17/2019	WG	Oxidation-Reduction Potential	164.1	mV	CAMO-20-188152
306344	R-45 S2	974.9	11/19/2019	WG	Oxidation-Reduction Potential	221.4	mV	CAMO-20-189171
308083	R-45 S2	974.9	12/06/2019	WG	Oxidation-Reduction Potential	177.7	mV	CAMO-20-190674
314032	R-45 S2	974.9	01/22/2020	WG	Oxidation-Reduction Potential	214.7	mV	CAMO-20-192733
317395	R-45 S2	974.9	02/28/2020	WG	Oxidation-Reduction Potential	165.7	mV	CAMO-20-193959
318194	R-45 S2	974.9	03/13/2020	WG	Oxidation-Reduction Potential	146.5	mV	CAMO-20-196242
323218	R-45 S2	974.9	06/24/2020	WG	Oxidation-Reduction Potential	120	mV	CAMO-20-205244
328191	R-45 S2	974.9	07/28/2020	WG	Oxidation-Reduction Potential	128.7	mV	CAMO-20-205427
331327	R-45 S2	974.9	08/11/2020	WG	Oxidation-Reduction Potential	187.1	mV	CAMO-20-198943
337173	R-45 S2	974.9	09/14/2020	WG	Oxidation-Reduction Potential	137.4	mV	CAMO-20-206007
341524	R-45 S2	974.9	10/09/2020	WG	Oxidation-Reduction Potential	166.4	mV	CAMO-21-208191
351545	R-45 S2	974.9	11/19/2020	WG	Oxidation-Reduction Potential	187.7	mV	CAMO-21-210563
356883	R-45 S2	974.9	12/16/2020	WG	Oxidation-Reduction Potential	123.8	mV	CAMO-21-211004
295598	R-45 S2	974.9	09/26/2019	WG	pH	8.07	SU	CAMO-19-186526
298519	R-45 S2	974.9	10/17/2019	WG	pH	8.06	SU	CAMO-20-188152

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
306346	R-45 S2	974.9	11/19/2019	WG	pH	7.92	SU	CAMO-20-189171
308134	R-45 S2	974.9	12/06/2019	WG	pH	7.97	SU	CAMO-20-190674
313979	R-45 S2	974.9	01/22/2020	WG	pH	8	SU	CAMO-20-192733
317515	R-45 S2	974.9	02/28/2020	WG	pH	7.97	SU	CAMO-20-193959
318261	R-45 S2	974.9	03/13/2020	WG	pH	8	SU	CAMO-20-196242
323244	R-45 S2	974.9	06/24/2020	WG	pH	8.08	SU	CAMO-20-205244
328159	R-45 S2	974.9	07/28/2020	WG	pH	7.99	SU	CAMO-20-205427
331376	R-45 S2	974.9	08/11/2020	WG	pH	8.01	SU	CAMO-20-198943
337262	R-45 S2	974.9	09/14/2020	WG	pH	7.72	SU	CAMO-20-206007
341526	R-45 S2	974.9	10/09/2020	WG	pH	7.93	SU	CAMO-21-208191
351547	R-45 S2	974.9	11/19/2020	WG	pH	7.64	SU	CAMO-21-210563
356952	R-45 S2	974.9	12/16/2020	WG	pH	8	SU	CAMO-21-211004
295600	R-45 S2	974.9	09/26/2019	WG	Specific Conductance	177.9	µs/cm	CAMO-19-186526
298534	R-45 S2	974.9	10/17/2019	WG	Specific Conductance	178.3	µs/cm	CAMO-20-188152
306414	R-45 S2	974.9	11/19/2019	WG	Specific Conductance	177.7	µs/cm	CAMO-20-189171
308136	R-45 S2	974.9	12/06/2019	WG	Specific Conductance	178.2	µs/cm	CAMO-20-190674
314033	R-45 S2	974.9	01/22/2020	WG	Specific Conductance	178.6	µs/cm	CAMO-20-192733
317517	R-45 S2	974.9	02/28/2020	WG	Specific Conductance	180.4	µs/cm	CAMO-20-193959
318195	R-45 S2	974.9	03/13/2020	WG	Specific Conductance	181.7	µs/cm	CAMO-20-196242
323219	R-45 S2	974.9	06/24/2020	WG	Specific Conductance	181.8	µs/cm	CAMO-20-205244
328161	R-45 S2	974.9	07/28/2020	WG	Specific Conductance	184.6	µs/cm	CAMO-20-205427
331378	R-45 S2	974.9	08/11/2020	WG	Specific Conductance	184.8	µs/cm	CAMO-20-198943
337264	R-45 S2	974.9	09/14/2020	WG	Specific Conductance	185.9	µs/cm	CAMO-20-206007
341418	R-45 S2	974.9	10/09/2020	WG	Specific Conductance	185.4	µs/cm	CAMO-21-208191
351543	R-45 S2	974.9	11/19/2020	WG	Specific Conductance	186.6	µs/cm	CAMO-21-210563
356884	R-45 S2	974.9	12/16/2020	WG	Specific Conductance	187.2	µs/cm	CAMO-21-211004
295601	R-45 S2	974.9	09/26/2019	WG	Temperature	21.8	deg C	CAMO-19-186526

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
298535	R-45 S2	974.9	10/17/2019	WG	Temperature	21.5	deg C	CAMO-20-188152
306415	R-45 S2	974.9	11/19/2019	WG	Temperature	21.3	deg C	CAMO-20-189171
308137	R-45 S2	974.9	12/06/2019	WG	Temperature	21.2	deg C	CAMO-20-190674
314034	R-45 S2	974.9	01/22/2020	WG	Temperature	20	deg C	CAMO-20-192733
317518	R-45 S2	974.9	02/28/2020	WG	Temperature	21.4	deg C	CAMO-20-193959
318196	R-45 S2	974.9	03/13/2020	WG	Temperature	20.7	deg C	CAMO-20-196242
323220	R-45 S2	974.9	06/24/2020	WG	Temperature	21.8	deg C	CAMO-20-205244
328162	R-45 S2	974.9	07/28/2020	WG	Temperature	21.8	deg C	CAMO-20-205427
331379	R-45 S2	974.9	08/11/2020	WG	Temperature	21.9	deg C	CAMO-20-198943
337174	R-45 S2	974.9	09/14/2020	WG	Temperature	22.1	deg C	CAMO-20-206007
341419	R-45 S2	974.9	10/09/2020	WG	Temperature	21.6	deg C	CAMO-21-208191
351544	R-45 S2	974.9	11/19/2020	WG	Temperature	21.5	deg C	CAMO-21-210563
356885	R-45 S2	974.9	12/16/2020	WG	Temperature	20.6	deg C	CAMO-21-211004
295656	R-45 S2	974.9	09/26/2019	WG	Turbidity	0.17	NTU	CAMO-19-186526
298537	R-45 S2	974.9	10/17/2019	WG	Turbidity	1.17	NTU	CAMO-20-188152
306417	R-45 S2	974.9	11/19/2019	WG	Turbidity	0.4	NTU	CAMO-20-189171
308084	R-45 S2	974.9	12/06/2019	WG	Turbidity	1.55	NTU	CAMO-20-190674
314003	R-45 S2	974.9	01/22/2020	WG	Turbidity	1.28	NTU	CAMO-20-192733
317398	R-45 S2	974.9	02/28/2020	WG	Turbidity	0.08	NTU	CAMO-20-193959
318267	R-45 S2	974.9	03/13/2020	WG	Turbidity	0.06	NTU	CAMO-20-196242
323132	R-45 S2	974.9	06/24/2020	WG	Turbidity	0.27	NTU	CAMO-20-205244
328164	R-45 S2	974.9	07/28/2020	WG	Turbidity	0.08	NTU	CAMO-20-205427
331381	R-45 S2	974.9	08/11/2020	WG	Turbidity	1.88	NTU	CAMO-20-198943
337265	R-45 S2	974.9	09/14/2020	WG	Turbidity	0.55	NTU	CAMO-20-206007
341529	R-45 S2	974.9	10/09/2020	WG	Turbidity	0.06	NTU	CAMO-21-208191
351573	R-45 S2	974.9	11/19/2020	WG	Turbidity	8.63	NTU	CAMO-21-210563
356954	R-45 S2	974.9	12/16/2020	WG	Turbidity	0.1	NTU	CAMO-21-211004

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
293685	R-50 S1	1077.0	09/20/2019	WG	Dissolved Oxygen	6.8	mg/L	CAMO-19-186529
299529	R-50 S1	1077.0	10/21/2019	WG	Dissolved Oxygen	6.91	mg/L	CAMO-20-188159
306567	R-50 S1	1077.0	11/19/2019	WG	Dissolved Oxygen	6.86	mg/L	CAMO-20-189174
307254	R-50 S1	1077.0	12/02/2019	WG	Dissolved Oxygen	6.93	mg/L	CAMO-20-190677
312525	R-50 S1	1077.0	01/14/2020	WG	Dissolved Oxygen	6.84	mg/L	CAMO-20-192736
315577	R-50 S1	1077.0	02/12/2020	WG	Dissolved Oxygen	6.85	mg/L	CAMO-20-193962
317578	R-50 S1	1077.0	03/04/2020	WG	Dissolved Oxygen	6.93	mg/L	CAMO-20-196245
324091	R-50 S1	1077.0	06/26/2020	WG	Dissolved Oxygen	6.57	mg/L	CAMO-20-198520
—	R-50 S1	1077.0	07/27/2020	WG	Dissolved Oxygen	7.08	mg/L	—
330714	R-50 S1	1077.0	08/10/2020	WG	Dissolved Oxygen	6.98	mg/L	CAMO-20-198945
339128	R-50 S1	1077.0	09/21/2020	WG	Dissolved Oxygen	7.01	mg/L	CAMO-20-206013
341871	R-50 S1	1077.0	10/13/2020	WG	Dissolved Oxygen	7.13	mg/L	CAMO-21-208194
349524	R-50 S1	1077.0	11/13/2020	WG	Dissolved Oxygen	6.96	mg/L	CAMO-21-210566
357202	R-50 S1	1077.0	12/17/2020	WG	Dissolved Oxygen	7.01	mg/L	CAMO-21-211007
293684	R-50 S1	1077.0	09/20/2019	WG	Flow (in gpm)	2.26	gpm	CAMO-19-186529
299528	R-50 S1	1077.0	10/21/2019	WG	Flow (in gpm)	2.04	gpm	CAMO-20-188159
306566	R-50 S1	1077.0	11/19/2019	WG	Flow (in gpm)	2.17	gpm	CAMO-20-189174
307253	R-50 S1	1077.0	12/02/2019	WG	Flow (in gpm)	2.04	gpm	CAMO-20-190677
312448	R-50 S1	1077.0	01/14/2020	WG	Flow (in gpm)	2.46	gpm	CAMO-20-192736
315576	R-50 S1	1077.0	02/12/2020	WG	Flow (in gpm)	2	gpm	CAMO-20-193962
317577	R-50 S1	1077.0	03/04/2020	WG	Flow (in gpm)	2	gpm	CAMO-20-196245
324090	R-50 S1	1077.0	06/26/2020	WG	Flow (in gpm)	2.33	gpm	CAMO-20-198520
—	R-50 S1	1077.0	07/27/2020	WG	Flow (in gpm)	2.34	gpm	—
330713	R-50 S1	1077.0	08/10/2020	WG	Flow (in gpm)	2.36	gpm	CAMO-20-198945
339127	R-50 S1	1077.0	09/21/2020	WG	Flow (in gpm)	2.36	gpm	CAMO-20-206013
341870	R-50 S1	1077.0	10/13/2020	WG	Flow (in gpm)	2.34	gpm	CAMO-21-208194
349523	R-50 S1	1077.0	11/13/2020	WG	Flow (in gpm)	2.36	gpm	CAMO-21-210566

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
357105	R-50 S1	1077.0	12/17/2020	WG	Flow (in gpm)	2.4	gpm	CAMO-21-211007
293687	R-50 S1	1077.0	09/20/2019	WG	Oxidation-Reduction Potential	167.4	mV	CAMO-19-186529
299531	R-50 S1	1077.0	10/21/2019	WG	Oxidation-Reduction Potential	164.7	mV	CAMO-20-188159
306569	R-50 S1	1077.0	11/19/2019	WG	Oxidation-Reduction Potential	201.4	mV	CAMO-20-189174
307256	R-50 S1	1077.0	12/02/2019	WG	Oxidation-Reduction Potential	161	mV	CAMO-20-190677
312527	R-50 S1	1077.0	01/14/2020	WG	Oxidation-Reduction Potential	203.2	mV	CAMO-20-192736
315513	R-50 S1	1077.0	02/12/2020	WG	Oxidation-Reduction Potential	187.2	mV	CAMO-20-193962
317650	R-50 S1	1077.0	03/04/2020	WG	Oxidation-Reduction Potential	183.4	mV	CAMO-20-196245
324060	R-50 S1	1077.0	06/26/2020	WG	Oxidation-Reduction Potential	165.5	mV	CAMO-20-198520
—	R-50 S1	1077.0	07/27/2020	WG	Oxidation-Reduction Potential	138.4	mV	—
330716	R-50 S1	1077.0	08/10/2020	WG	Oxidation-Reduction Potential	182.2	mV	CAMO-20-198945
339130	R-50 S1	1077.0	09/21/2020	WG	Oxidation-Reduction Potential	148.5	mV	CAMO-20-206013
341873	R-50 S1	1077.0	10/13/2020	WG	Oxidation-Reduction Potential	166.6	mV	CAMO-21-208194
349526	R-50 S1	1077.0	11/13/2020	WG	Oxidation-Reduction Potential	191.2	mV	CAMO-21-210566
357204	R-50 S1	1077.0	12/17/2020	WG	Oxidation-Reduction Potential	187.7	mV	CAMO-21-211007
293693	R-50 S1	1077.0	09/20/2019	WG	pH	7.35	SU	CAMO-19-186529
299533	R-50 S1	1077.0	10/21/2019	WG	pH	7.26	SU	CAMO-20-188159
306500	R-50 S1	1077.0	11/19/2019	WG	pH	7.33	SU	CAMO-20-189174
307258	R-50 S1	1077.0	12/02/2019	WG	pH	7.31	SU	CAMO-20-190677
312529	R-50 S1	1077.0	01/14/2020	WG	pH	7.37	SU	CAMO-20-192736
315578	R-50 S1	1077.0	02/12/2020	WG	pH	7.39	SU	CAMO-20-193962
317652	R-50 S1	1077.0	03/04/2020	WG	pH	7.35	SU	CAMO-20-196245
324093	R-50 S1	1077.0	06/26/2020	WG	pH	7.51	SU	CAMO-20-198520
—	R-50 S1	1077.0	07/27/2020	WG	pH	7.54	SU	—
330718	R-50 S1	1077.0	08/10/2020	WG	pH	7.52	SU	CAMO-20-198945
339175	R-50 S1	1077.0	09/21/2020	WG	pH	7.36	SU	CAMO-20-206013
341890	R-50 S1	1077.0	10/13/2020	WG	pH	7.62	SU	CAMO-21-208194

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
349606	R-50 S1	1077.0	11/13/2020	WG	pH	7.37	SU	CAMO-21-210566
357206	R-50 S1	1077.0	12/17/2020	WG	pH	7.64	SU	CAMO-21-211007
293689	R-50 S1	1077.0	09/20/2019	WG	Specific Conductance	233.31	µs/cm	CAMO-19-186529
299476	R-50 S1	1077.0	10/21/2019	WG	Specific Conductance	236.3	µs/cm	CAMO-20-188159
306502	R-50 S1	1077.0	11/19/2019	WG	Specific Conductance	248.5	µs/cm	CAMO-20-189174
307203	R-50 S1	1077.0	12/02/2019	WG	Specific Conductance	248.9	µs/cm	CAMO-20-190677
312449	R-50 S1	1077.0	01/14/2020	WG	Specific Conductance	237.7	µs/cm	CAMO-20-192736
315580	R-50 S1	1077.0	02/12/2020	WG	Specific Conductance	256.8	µs/cm	CAMO-20-193962
317654	R-50 S1	1077.0	03/04/2020	WG	Specific Conductance	255	µs/cm	CAMO-20-196245
324095	R-50 S1	1077.0	06/26/2020	WG	Specific Conductance	249.5	µs/cm	CAMO-20-198520
—	R-50 S1	1077.0	07/27/2020	WG	Specific Conductance	247.8	µs/cm	—
330720	R-50 S1	1077.0	08/10/2020	WG	Specific Conductance	241.6	µs/cm	CAMO-20-198945
339177	R-50 S1	1077.0	09/21/2020	WG	Specific Conductance	247.5	µs/cm	CAMO-20-206013
341874	R-50 S1	1077.0	10/13/2020	WG	Specific Conductance	254	µs/cm	CAMO-21-208194
349608	R-50 S1	1077.0	11/13/2020	WG	Specific Conductance	247.8	µs/cm	CAMO-21-210566
357106	R-50 S1	1077.0	12/17/2020	WG	Specific Conductance	249.9	µs/cm	CAMO-21-211007
293690	R-50 S1	1077.0	09/20/2019	WG	Temperature	18.9	deg C	CAMO-19-186529
299477	R-50 S1	1077.0	10/21/2019	WG	Temperature	17.9	deg C	CAMO-20-188159
306465	R-50 S1	1077.0	11/19/2019	WG	Temperature	18	deg C	CAMO-20-189174
307204	R-50 S1	1077.0	12/02/2019	WG	Temperature	18	deg C	CAMO-20-190677
312450	R-50 S1	1077.0	01/14/2020	WG	Temperature	17.1	deg C	CAMO-20-192736
315515	R-50 S1	1077.0	02/12/2020	WG	Temperature	17.5	deg C	CAMO-20-193962
317579	R-50 S1	1077.0	03/04/2020	WG	Temperature	18.2	deg C	CAMO-20-196245
324096	R-50 S1	1077.0	06/26/2020	WG	Temperature	19.8	deg C	CAMO-20-198520
—	R-50 S1	1077.0	07/27/2020	WG	Temperature	19.6	deg C	—
330721	R-50 S1	1077.0	08/10/2020	WG	Temperature	20.1	deg C	CAMO-20-198945
339178	R-50 S1	1077.0	09/21/2020	WG	Temperature	19.5	deg C	CAMO-20-206013

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
341875	R-50 S1	1077.0	10/13/2020	WG	Temperature	19.8	deg C	CAMO-21-208194
349609	R-50 S1	1077.0	11/13/2020	WG	Temperature	18.3	deg C	CAMO-21-210566
357107	R-50 S1	1077.0	12/17/2020	WG	Temperature	18.9	deg C	CAMO-21-211007
293692	R-50 S1	1077.0	09/20/2019	WG	Turbidity	0.63	NTU	CAMO-19-186529
299479	R-50 S1	1077.0	10/21/2019	WG	Turbidity	0.39	NTU	CAMO-20-188159
306467	R-50 S1	1077.0	11/19/2019	WG	Turbidity	0.69	NTU	CAMO-20-189174
307206	R-50 S1	1077.0	12/02/2019	WG	Turbidity	0.26	NTU	CAMO-20-190677
312469	R-50 S1	1077.0	01/14/2020	WG	Turbidity	0.76	NTU	CAMO-20-192736
315517	R-50 S1	1077.0	02/12/2020	WG	Turbidity	0.44	NTU	CAMO-20-193962
317581	R-50 S1	1077.0	03/04/2020	WG	Turbidity	0.24	NTU	CAMO-20-196245
324063	R-50 S1	1077.0	06/26/2020	WG	Turbidity	0.19	NTU	CAMO-20-198520
—	R-50 S1	1077.0	07/27/2020	WG	Turbidity	0.34	NTU	—
330723	R-50 S1	1077.0	08/10/2020	WG	Turbidity	0.45	NTU	CAMO-20-198945
339131	R-50 S1	1077.0	09/21/2020	WG	Turbidity	0.29	NTU	CAMO-20-206013
341877	R-50 S1	1077.0	10/13/2020	WG	Turbidity	0.12	NTU	CAMO-21-208194
349611	R-50 S1	1077.0	11/13/2020	WG	Turbidity	0.5	NTU	CAMO-21-210566
357109	R-50 S1	1077.0	12/17/2020	WG	Turbidity	4.25	NTU	CAMO-21-211007
293568	R-50 S2	1185.0	09/19/2019	WG	Dissolved Oxygen	9.24	mg/L	CAMO-19-186539
296372	R-50 S2	1185.0	10/10/2019	WG	Dissolved Oxygen	8.34	mg/L	CAMO-20-188162
306681	R-50 S2	1185.0	11/19/2019	WG	Dissolved Oxygen	7.78	mg/L	CAMO-20-189177
307547	R-50 S2	1185.0	12/03/2019	WG	Dissolved Oxygen	7.31	mg/L	CAMO-20-190680
311140	R-50 S2	1185.0	01/10/2020	WG	Dissolved Oxygen	7.52	mg/L	CAMO-20-192739
315438	R-50 S2	1185.0	02/12/2020	WG	Dissolved Oxygen	7.21	mg/L	CAMO-20-193965
317730	R-50 S2	1185.0	03/05/2020	WG	Dissolved Oxygen	7.41	mg/L	CAMO-20-196248
324194	R-50 S2	1185.0	06/26/2020	WG	Dissolved Oxygen	7.14	mg/L	CAMO-20-198536
327997	R-50 S2	1185.0	07/27/2020	WG	Dissolved Oxygen	7.39	mg/L	CAMO-20-205433
331981	R-50 S2	1185.0	08/14/2020	WG	Dissolved Oxygen	7.82	mg/L	CAMO-20-198947

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
339212	R-50 S2	1185.0	09/22/2020	WG	Dissolved Oxygen	7.2	mg/L	CAMO-20-206018
341977	R-50 S2	1185.0	10/13/2020	WG	Dissolved Oxygen	7.28	mg/L	CAMO-21-208197
351866	R-50 S2	1185.0	11/20/2020	WG	Dissolved Oxygen	7.71	mg/L	CAMO-21-210569
357289	R-50 S2	1185.0	12/17/2020	WG	Dissolved Oxygen	7.12	mg/L	CAMO-21-211010
293567	R-50 S2	1185.0	09/19/2019	WG	Flow (in gpm)	2.1	gpm	CAMO-19-186539
296371	R-50 S2	1185.0	10/10/2019	WG	Flow (in gpm)	2.17	gpm	CAMO-20-188162
306680	R-50 S2	1185.0	11/19/2019	WG	Flow (in gpm)	2.19	gpm	CAMO-20-189177
307546	R-50 S2	1185.0	12/03/2019	WG	Flow (in gpm)	2.05	gpm	CAMO-20-190680
311139	R-50 S2	1185.0	01/10/2020	WG	Flow (in gpm)	2.15	gpm	CAMO-20-192739
315437	R-50 S2	1185.0	02/12/2020	WG	Flow (in gpm)	2.33	gpm	CAMO-20-193965
317735	R-50 S2	1185.0	03/05/2020	WG	Flow (in gpm)	2.34	gpm	CAMO-20-196248
324193	R-50 S2	1185.0	06/26/2020	WG	Flow (in gpm)	2.33	gpm	CAMO-20-198536
327985	R-50 S2	1185.0	07/27/2020	WG	Flow (in gpm)	2.42	gpm	CAMO-20-205433
331980	R-50 S2	1185.0	08/14/2020	WG	Flow (in gpm)	2.4	gpm	CAMO-20-198947
339253	R-50 S2	1185.0	09/22/2020	WG	Flow (in gpm)	2.38	gpm	CAMO-20-206018
341976	R-50 S2	1185.0	10/13/2020	WG	Flow (in gpm)	2.4	gpm	CAMO-21-208197
351865	R-50 S2	1185.0	11/20/2020	WG	Flow (in gpm)	2.48	gpm	CAMO-21-210569
357246	R-50 S2	1185.0	12/17/2020	WG	Flow (in gpm)	2.54	gpm	CAMO-21-211010
293570	R-50 S2	1185.0	09/19/2019	WG	Oxidation-Reduction Potential	172.7	mV	CAMO-19-186539
296374	R-50 S2	1185.0	10/10/2019	WG	Oxidation-Reduction Potential	140.5	mV	CAMO-20-188162
306653	R-50 S2	1185.0	11/19/2019	WG	Oxidation-Reduction Potential	199.5	mV	CAMO-20-189177
307549	R-50 S2	1185.0	12/03/2019	WG	Oxidation-Reduction Potential	169.5	mV	CAMO-20-190680
311142	R-50 S2	1185.0	01/10/2020	WG	Oxidation-Reduction Potential	191	mV	CAMO-20-192739
315440	R-50 S2	1185.0	02/12/2020	WG	Oxidation-Reduction Potential	159.2	mV	CAMO-20-193965
317732	R-50 S2	1185.0	03/05/2020	WG	Oxidation-Reduction Potential	170.8	mV	CAMO-20-196248
324150	R-50 S2	1185.0	06/26/2020	WG	Oxidation-Reduction Potential	164.7	mV	CAMO-20-198536
327999	R-50 S2	1185.0	07/27/2020	WG	Oxidation-Reduction Potential	149.2	mV	CAMO-20-205433

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
332013	R-50 S2	1185.0	08/14/2020	WG	Oxidation-Reduction Potential	195.8	mV	CAMO-20-198947
339214	R-50 S2	1185.0	09/22/2020	WG	Oxidation-Reduction Potential	113.6	mV	CAMO-20-206018
341950	R-50 S2	1185.0	10/13/2020	WG	Oxidation-Reduction Potential	175.8	mV	CAMO-21-208197
351774	R-50 S2	1185.0	11/20/2020	WG	Oxidation-Reduction Potential	194.7	mV	CAMO-21-210569
357291	R-50 S2	1185.0	12/17/2020	WG	Oxidation-Reduction Potential	208.5	mV	CAMO-21-211010
293576	R-50 S2	1185.0	09/19/2019	WG	pH	7.89	SU	CAMO-19-186539
296376	R-50 S2	1185.0	10/10/2019	WG	pH	7.96	SU	CAMO-20-188162
306683	R-50 S2	1185.0	11/19/2019	WG	pH	8	SU	CAMO-20-189177
307490	R-50 S2	1185.0	12/03/2019	WG	pH	7.96	SU	CAMO-20-190680
311113	R-50 S2	1185.0	01/10/2020	WG	pH	8.04	SU	CAMO-20-192739
315442	R-50 S2	1185.0	02/12/2020	WG	pH	8.01	SU	CAMO-20-193965
317734	R-50 S2	1185.0	03/05/2020	WG	pH	8.02	SU	CAMO-20-196248
324152	R-50 S2	1185.0	06/26/2020	WG	pH	7.93	SU	CAMO-20-198536
327966	R-50 S2	1185.0	07/27/2020	WG	pH	7.95	SU	CAMO-20-205433
332015	R-50 S2	1185.0	08/14/2020	WG	pH	7.98	SU	CAMO-20-198947
339216	R-50 S2	1185.0	09/22/2020	WG	pH	7.93	SU	CAMO-20-206018
341991	R-50 S2	1185.0	10/13/2020	WG	pH	7.9	SU	CAMO-21-208197
351776	R-50 S2	1185.0	11/20/2020	WG	pH	7.49	SU	CAMO-21-210569
357248	R-50 S2	1185.0	12/17/2020	WG	pH	7.98	SU	CAMO-21-211010
293572	R-50 S2	1185.0	09/19/2019	WG	Specific Conductance	133.7	µs/cm	CAMO-19-186539
296314	R-50 S2	1185.0	10/10/2019	WG	Specific Conductance	132.6	µs/cm	CAMO-20-188162
306685	R-50 S2	1185.0	11/19/2019	WG	Specific Conductance	134.4	µs/cm	CAMO-20-189177
307492	R-50 S2	1185.0	12/03/2019	WG	Specific Conductance	135.2	µs/cm	CAMO-20-190680
311115	R-50 S2	1185.0	01/10/2020	WG	Specific Conductance	131.4	µs/cm	CAMO-20-192739
315444	R-50 S2	1185.0	02/12/2020	WG	Specific Conductance	135.1	µs/cm	CAMO-20-193965
317737	R-50 S2	1185.0	03/05/2020	WG	Specific Conductance	135.2	µs/cm	CAMO-20-196248
324154	R-50 S2	1185.0	06/26/2020	WG	Specific Conductance	135.3	µs/cm	CAMO-20-198536

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
327938	R-50 S2	1185.0	07/27/2020	WG	Specific Conductance	135.1	µs/cm	CAMO-20-205433
332017	R-50 S2	1185.0	08/14/2020	WG	Specific Conductance	135.8	µs/cm	CAMO-20-198947
339255	R-50 S2	1185.0	09/22/2020	WG	Specific Conductance	135.2	µs/cm	CAMO-20-206018
341952	R-50 S2	1185.0	10/13/2020	WG	Specific Conductance	135.7	µs/cm	CAMO-21-208197
351833	R-50 S2	1185.0	11/20/2020	WG	Specific Conductance	135	µs/cm	CAMO-21-210569
357302	R-50 S2	1185.0	12/17/2020	WG	Specific Conductance	128.6	µs/cm	CAMO-21-211010
293573	R-50 S2	1185.0	09/19/2019	WG	Temperature	19.30	deg C	CAMO-19-186539
296315	R-50 S2	1185.0	10/10/2019	WG	Temperature	18.7	deg C	CAMO-20-188162
306654	R-50 S2	1185.0	11/19/2019	WG	Temperature	18.6	deg C	CAMO-20-189177
307493	R-50 S2	1185.0	12/03/2019	WG	Temperature	17.5	deg C	CAMO-20-190680
311116	R-50 S2	1185.0	01/10/2020	WG	Temperature	17.7	deg C	CAMO-20-192739
315445	R-50 S2	1185.0	02/12/2020	WG	Temperature	17.8	deg C	CAMO-20-193965
317738	R-50 S2	1185.0	03/05/2020	WG	Temperature	19.6	deg C	CAMO-20-196248
324155	R-50 S2	1185.0	06/26/2020	WG	Temperature	20.5	deg C	CAMO-20-198536
327939	R-50 S2	1185.0	07/27/2020	WG	Temperature	19.9	deg C	CAMO-20-205433
332018	R-50 S2	1185.0	08/14/2020	WG	Temperature	20.6	deg C	CAMO-20-198947
339256	R-50 S2	1185.0	09/22/2020	WG	Temperature	19.9	deg C	CAMO-20-206018
341953	R-50 S2	1185.0	10/13/2020	WG	Temperature	19.9	deg C	CAMO-21-208197
351834	R-50 S2	1185.0	11/20/2020	WG	Temperature	17.6	deg C	CAMO-21-210569
357303	R-50 S2	1185.0	12/17/2020	WG	Temperature	19.4	deg C	CAMO-21-211010
293575	R-50 S2	1185.0	09/19/2019	WG	Turbidity	0.73	NTU	CAMO-19-186539
296317	R-50 S2	1185.0	10/10/2019	WG	Turbidity	0.25	NTU	CAMO-20-188162
306656	R-50 S2	1185.0	11/19/2019	WG	Turbidity	0.01	NTU	CAMO-20-189177
307551	R-50 S2	1185.0	12/03/2019	WG	Turbidity	0.42	NTU	CAMO-20-190680
311162	R-50 S2	1185.0	01/10/2020	WG	Turbidity	0.44	NTU	CAMO-20-192739
315455	R-50 S2	1185.0	02/12/2020	WG	Turbidity	1.25	NTU	CAMO-20-193965
317740	R-50 S2	1185.0	03/05/2020	WG	Turbidity	0.81	NTU	CAMO-20-196248

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
324157	R-50 S2	1185.0	06/26/2020	WG	Turbidity	0.56	NTU	CAMO-20-198536
327968	R-50 S2	1185.0	07/27/2020	WG	Turbidity	0.25	NTU	CAMO-20-205433
331984	R-50 S2	1185.0	08/14/2020	WG	Turbidity	0.16	NTU	CAMO-20-198947
339258	R-50 S2	1185.0	09/22/2020	WG	Turbidity	0.55	NTU	CAMO-20-206018
342033	R-50 S2	1185.0	10/13/2020	WG	Turbidity	0.13	NTU	CAMO-21-208197
351836	R-50 S2	1185.0	11/20/2020	WG	Turbidity	0.5	NTU	CAMO-21-210569
357250	R-50 S2	1185.0	12/17/2020	WG	Turbidity	0.84	NTU	CAMO-21-211010
293601	R-61 S1	1125.0	09/23/2019	WG	Dissolved Oxygen	6.56	mg/L	CAMO-19-186542
298586	R-61 S1	1125.0	10/18/2019	WG	Dissolved Oxygen	6.04	mg/L	CAMO-20-188265
306709	R-61 S1	1125.0	11/20/2019	WG	Dissolved Oxygen	6.64	mg/L	CAMO-20-189180
308344	R-61 S1	1125.0	12/09/2019	WG	Dissolved Oxygen	6.91	mg/L	CAMO-20-190683
310606	R-61 S1	1125.0	01/08/2020	WG	Dissolved Oxygen	6.78	mg/L	CAMO-20-192742
315887	R-61 S1	1125.0	02/14/2020	WG	Dissolved Oxygen	6.78	mg/L	CAMO-20-193969
317845	R-61 S1	1125.0	03/06/2020	WG	Dissolved Oxygen	6.7	mg/L	CAMO-20-196251
323537	R-61 S1	1125.0	06/25/2020	WG	Dissolved Oxygen	4.21	mg/L	CAMO-20-198539
326080	R-61 S1	1125.0	07/21/2020	WG	Dissolved Oxygen	4.38	mg/L	CAMO-20-205436
330822	R-61 S1	1125.0	08/10/2020	WG	Dissolved Oxygen	6.38	mg/L	CAMO-20-198949
352629	R-61 S1	1125.0	09/18/2020	WG	Dissolved Oxygen	6.3	mg/L	CAMO-20-206025
344568	R-61 S1	1125.0	10/16/2020	WG	Dissolved Oxygen	6.81	mg/L	CAMO-21-208200
347894	R-61 S1	1125.0	11/04/2020	WG	Dissolved Oxygen	6.6	mg/L	CAMO-21-210572
353700	R-61 S1	1125.0	12/04/2020	WG	Dissolved Oxygen	6.84	mg/L	CAMO-21-211013
293600	R-61 S1	1125.0	09/23/2019	WG	Flow (in gpm)	1.94	gpm	CAMO-19-186542
298585	R-61 S1	1125.0	10/18/2019	WG	Flow (in gpm)	2.03	gpm	CAMO-20-188265
306708	R-61 S1	1125.0	11/20/2019	WG	Flow (in gpm)	2.09	gpm	CAMO-20-189180
308343	R-61 S1	1125.0	12/09/2019	WG	Flow (in gpm)	1.99	gpm	CAMO-20-190683
310605	R-61 S1	1125.0	01/08/2020	WG	Flow (in gpm)	1.97	gpm	CAMO-20-192742
315886	R-61 S1	1125.0	02/14/2020	WG	Flow (in gpm)	1.92	gpm	CAMO-20-193969

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
317844	R-61 S1	1125.0	03/06/2020	WG	Flow (in gpm)	1.94	gpm	CAMO-20-196251
323536	R-61 S1	1125.0	06/25/2020	WG	Flow (in gpm)	1.98	gpm	CAMO-20-198539
326048	R-61 S1	1125.0	07/21/2020	WG	Flow (in gpm)	1.81	gpm	CAMO-20-205436
330893	R-61 S1	1125.0	08/10/2020	WG	Flow (in gpm)	1.94	gpm	CAMO-20-198949
344567	R-61 S1	1125.0	10/16/2020	WG	Flow (in gpm)	1.97	gpm	CAMO-21-208200
347836	R-61 S1	1125.0	11/04/2020	WG	Flow (in gpm)	1.73	gpm	CAMO-21-210572
353699	R-61 S1	1125.0	12/04/2020	WG	Flow (in gpm)	1.98	gpm	CAMO-21-211013
293653	R-61 S1	1125.0	09/23/2019	WG	Oxidation-Reduction Potential	166.7	mV	CAMO-19-186542
298588	R-61 S1	1125.0	10/18/2019	WG	Oxidation-Reduction Potential	169.2	mV	CAMO-20-188265
306764	R-61 S1	1125.0	11/20/2019	WG	Oxidation-Reduction Potential	239.6	mV	CAMO-20-189180
308346	R-61 S1	1125.0	12/09/2019	WG	Oxidation-Reduction Potential	256.7	mV	CAMO-20-190683
310608	R-61 S1	1125.0	01/08/2020	WG	Oxidation-Reduction Potential	204.7	mV	CAMO-20-192742
315889	R-61 S1	1125.0	02/14/2020	WG	Oxidation-Reduction Potential	167.8	mV	CAMO-20-193969
317847	R-61 S1	1125.0	03/06/2020	WG	Oxidation-Reduction Potential	179.1	mV	CAMO-20-196251
323442	R-61 S1	1125.0	06/25/2020	WG	Oxidation-Reduction Potential	162.6	mV	CAMO-20-198539
326082	R-61 S1	1125.0	07/21/2020	WG	Oxidation-Reduction Potential	125.4	mV	CAMO-20-205436
330845	R-61 S1	1125.0	08/10/2020	WG	Oxidation-Reduction Potential	206.1	mV	CAMO-20-198949
352631	R-61 S1	1125.0	09/18/2020	WG	Oxidation-Reduction Potential	39.8	mV	CAMO-20-206025
344500	R-61 S1	1125.0	10/16/2020	WG	Oxidation-Reduction Potential	117.3	mV	CAMO-21-208200
347896	R-61 S1	1125.0	11/04/2020	WG	Oxidation-Reduction Potential	210.3	mV	CAMO-21-210572
353639	R-61 S1	1125.0	12/04/2020	WG	Oxidation-Reduction Potential	125	mV	CAMO-21-211013
293655	R-61 S1	1125.0	09/23/2019	WG	pH	7.18	SU	CAMO-19-186542
298590	R-61 S1	1125.0	10/18/2019	WG	pH	7.4	SU	CAMO-20-188265
306766	R-61 S1	1125.0	11/20/2019	WG	pH	7.32	SU	CAMO-20-189180
308299	R-61 S1	1125.0	12/09/2019	WG	pH	7.29	SU	CAMO-20-190683
310612	R-61 S1	1125.0	01/08/2020	WG	pH	7.45	SU	CAMO-20-192742
315835	R-61 S1	1125.0	02/14/2020	WG	pH	7.44	SU	CAMO-20-193969

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
317849	R-61 S1	1125.0	03/06/2020	WG	pH	7.48	SU	CAMO-20-196251
323444	R-61 S1	1125.0	06/25/2020	WG	pH	7.68	SU	CAMO-20-198539
326084	R-61 S1	1125.0	07/21/2020	WG	pH	7.44	SU	CAMO-20-205436
330847	R-61 S1	1125.0	08/10/2020	WG	pH	7.29	SU	CAMO-20-198949
352633	R-61 S1	1125.0	09/18/2020	WG	pH	7.26	SU	CAMO-20-206025
344502	R-61 S1	1125.0	10/16/2020	WG	pH	7.41	SU	CAMO-21-208200
347898	R-61 S1	1125.0	11/04/2020	WG	pH	7.14	SU	CAMO-21-210572
353641	R-61 S1	1125.0	12/04/2020	WG	pH	7.48	SU	CAMO-21-211013
293657	R-61 S1	1125.0	09/23/2019	WG	Specific Conductance	151	µs/cm	CAMO-19-186542
298554	R-61 S1	1125.0	10/18/2019	WG	Specific Conductance	152	µs/cm	CAMO-20-188265
306768	R-61 S1	1125.0	11/20/2019	WG	Specific Conductance	150.8	µs/cm	CAMO-20-189180
308301	R-61 S1	1125.0	12/09/2019	WG	Specific Conductance	157.7	µs/cm	CAMO-20-190683
310614	R-61 S1	1125.0	01/08/2020	WG	Specific Conductance	149	µs/cm	CAMO-20-192742
315837	R-61 S1	1125.0	02/14/2020	WG	Specific Conductance	154.2	µs/cm	CAMO-20-193969
317770	R-61 S1	1125.0	03/06/2020	WG	Specific Conductance	154.7	µs/cm	CAMO-20-196251
323538	R-61 S1	1125.0	06/25/2020	WG	Specific Conductance	161.1	µs/cm	CAMO-20-198539
326050	R-61 S1	1125.0	07/21/2020	WG	Specific Conductance	161.2	µs/cm	CAMO-20-205436
330825	R-61 S1	1125.0	08/10/2020	WG	Specific Conductance	154.5	µs/cm	CAMO-20-198949
344504	R-61 S1	1125.0	10/16/2020	WG	Specific Conductance	154.8	µs/cm	CAMO-21-208200
347837	R-61 S1	1125.0	11/04/2020	WG	Specific Conductance	154.6	µs/cm	CAMO-21-210572
353701	R-61 S1	1125.0	12/04/2020	WG	Specific Conductance	156.1	µs/cm	CAMO-21-211013
293658	R-61 S1	1125.0	09/23/2019	WG	Temperature	20.6	deg C	CAMO-19-186542
298555	R-61 S1	1125.0	10/18/2019	WG	Temperature	19.9	deg C	CAMO-20-188265
306769	R-61 S1	1125.0	11/20/2019	WG	Temperature	19.3	deg C	CAMO-20-189180
308302	R-61 S1	1125.0	12/09/2019	WG	Temperature	19.94	deg C	CAMO-20-190683
310615	R-61 S1	1125.0	01/08/2020	WG	Temperature	17.6	deg C	CAMO-20-192742
315838	R-61 S1	1125.0	02/14/2020	WG	Temperature	19.7	deg C	CAMO-20-193969

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
317771	R-61 S1	1125.0	03/06/2020	WG	Temperature	19.6	deg C	CAMO-20-196251
323539	R-61 S1	1125.0	06/25/2020	WG	Temperature	20.9	deg C	CAMO-20-198539
326051	R-61 S1	1125.0	07/21/2020	WG	Temperature	20.2	deg C	CAMO-20-205436
330826	R-61 S1	1125.0	08/10/2020	WG	Temperature	20.6	deg C	CAMO-20-198949
344570	R-61 S1	1125.0	10/16/2020	WG	Temperature	20	deg C	CAMO-21-208200
347838	R-61 S1	1125.0	11/04/2020	WG	Temperature	20.1	deg C	CAMO-21-210572
353702	R-61 S1	1125.0	12/04/2020	WG	Temperature	19.9	deg C	CAMO-21-211013
293604	R-61 S1	1125.0	09/23/2019	WG	Turbidity	0.34	NTU	CAMO-19-186542
298557	R-61 S1	1125.0	10/18/2019	WG	Turbidity	0.56	NTU	CAMO-20-188265
306712	R-61 S1	1125.0	11/20/2019	WG	Turbidity	0.23	NTU	CAMO-20-189180
308385	R-61 S1	1125.0	12/09/2019	WG	Turbidity	0.1	NTU	CAMO-20-190683
310610	R-61 S1	1125.0	01/08/2020	WG	Turbidity	0.52	NTU	CAMO-20-192742
315891	R-61 S1	1125.0	02/14/2020	WG	Turbidity	0.64	NTU	CAMO-20-193969
317773	R-61 S1	1125.0	03/06/2020	WG	Turbidity	0.16	NTU	CAMO-20-196251
323541	R-61 S1	1125.0	06/25/2020	WG	Turbidity	0.56	NTU	CAMO-20-198539
326053	R-61 S1	1125.0	07/21/2020	WG	Turbidity	2.07	NTU	CAMO-20-205436
330849	R-61 S1	1125.0	08/10/2020	WG	Turbidity	0.93	NTU	CAMO-20-198949
344572	R-61 S1	1125.0	10/16/2020	WG	Turbidity	0.22	NTU	CAMO-21-208200
347840	R-61 S1	1125.0	11/04/2020	WG	Turbidity	0.63	NTU	CAMO-21-210572
353704	R-61 S1	1125.0	12/04/2020	WG	Turbidity	0.37	NTU	CAMO-21-211013
264760	R-62	1158.4	01/23/2019	WG	Dissolved Oxygen	7.3	mg/L	CAMO-19-165970
278006	R-62	1158.4	05/14/2019	WG	Dissolved Oxygen	6.72	mg/L	CAMO-19-175173
287959	R-62	1158.4	07/26/2019	WG	Dissolved Oxygen	6.62	mg/L	CAMO-19-181868
303825	R-62	1158.4	11/12/2019	WG	Dissolved Oxygen	6.81	mg/L	CAMO-20-189182
313603	R-62	1158.4	01/22/2020	WG	Dissolved Oxygen	7.2	mg/L	CAMO-20-192956
334281	R-62	1158.4	08/21/2020	WG	Dissolved Oxygen	6.6	mg/L	CAMO-20-198951
348447	R-62	1158.4	11/06/2020	WG	Dissolved Oxygen	7.06	mg/L	CAMO-21-210574

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
264816	R-62	1158.4	01/23/2019	WG	Flow (in gpm)	3.37	gpm	CAMO-19-165970
278005	R-62	1158.4	05/14/2019	WG	Flow (in gpm)	2.33	gpm	CAMO-19-175173
287958	R-62	1158.4	07/26/2019	WG	Flow (in gpm)	2.27	gpm	CAMO-19-181868
303824	R-62	1158.4	11/12/2019	WG	Flow (in gpm)	2.68	gpm	CAMO-20-189182
313602	R-62	1158.4	01/22/2020	WG	Flow (in gpm)	4.05	gpm	CAMO-20-192956
334280	R-62	1158.4	08/21/2020	WG	Flow (in gpm)	2.03	gpm	CAMO-20-198951
348446	R-62	1158.4	11/06/2020	WG	Flow (in gpm)	2.75	gpm	CAMO-21-210574
264762	R-62	1158.4	01/23/2019	WG	Oxidation-Reduction Potential	217.3	mV	CAMO-19-165970
278008	R-62	1158.4	05/14/2019	WG	Oxidation-Reduction Potential	162.3	mV	CAMO-19-175173
287992	R-62	1158.4	07/26/2019	WG	Oxidation-Reduction Potential	256.4	mV	CAMO-19-181868
303896	R-62	1158.4	11/12/2019	WG	Oxidation-Reduction Potential	172	mV	CAMO-20-189182
313605	R-62	1158.4	01/22/2020	WG	Oxidation-Reduction Potential	212.4	mV	CAMO-20-192956
334283	R-62	1158.4	08/21/2020	WG	Oxidation-Reduction Potential	148.1	mV	CAMO-20-198951
348449	R-62	1158.4	11/06/2020	WG	Oxidation-Reduction Potential	200.6	mV	CAMO-21-210574
264764	R-62	1158.4	01/23/2019	WG	pH	8.24	SU	CAMO-19-165970
278072	R-62	1158.4	05/14/2019	WG	pH	8.56	SU	CAMO-19-175173
287994	R-62	1158.4	07/26/2019	WG	pH	8.44	SU	CAMO-19-181868
303898	R-62	1158.4	11/12/2019	WG	pH	8.4	SU	CAMO-20-189182
313607	R-62	1158.4	01/22/2020	WG	pH	8.23	SU	CAMO-20-192956
334285	R-62	1158.4	08/21/2020	WG	pH	8.34	SU	CAMO-20-198951
348451	R-62	1158.4	11/06/2020	WG	pH	8.29	SU	CAMO-21-210574
264818	R-62	1158.4	01/23/2019	WG	Specific Conductance	323.1	µs/cm	CAMO-19-165970
278074	R-62	1158.4	05/14/2019	WG	Specific Conductance	280.5	µs/cm	CAMO-19-175173
287961	R-62	1158.4	07/26/2019	WG	Specific Conductance	256.3	µs/cm	CAMO-19-181868
303826	R-62	1158.4	11/12/2019	WG	Specific Conductance	267.7	µs/cm	CAMO-20-189182
313462	R-62	1158.4	01/22/2020	WG	Specific Conductance	324.1	µs/cm	CAMO-20-192956
334225	R-62	1158.4	08/21/2020	WG	Specific Conductance	256.4	µs/cm	CAMO-20-198951

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
348453	R-62	1158.4	11/06/2020	WG	Specific Conductance	276.1	µs/cm	CAMO-21-210574
264819	R-62	1158.4	01/23/2019	WG	Temperature	18.0	deg C	CAMO-19-165970
278075	R-62	1158.4	05/14/2019	WG	Temperature	18.8	deg C	CAMO-19-175173
287962	R-62	1158.4	07/26/2019	WG	Temperature	20.3	deg C	CAMO-19-181868
303827	R-62	1158.4	11/12/2019	WG	Temperature	17.7	deg C	CAMO-20-189182
313463	R-62	1158.4	01/22/2020	WG	Temperature	17	deg C	CAMO-20-192956
334226	R-62	1158.4	08/21/2020	WG	Temperature	21	deg C	CAMO-20-198951
348454	R-62	1158.4	11/06/2020	WG	Temperature	18.6	deg C	CAMO-21-210574
264821	R-62	1158.4	01/23/2019	WG	Turbidity	0.16*	NTU	CAMO-19-165970
278077	R-62	1158.4	05/14/2019	WG	Turbidity	1.6	NTU	CAMO-19-175173
287996	R-62	1158.4	07/26/2019	WG	Turbidity	1.11	NTU	CAMO-19-181868
303829	R-62	1158.4	11/12/2019	WG	Turbidity	0.39	NTU	CAMO-20-189182
313465	R-62	1158.4	01/22/2020	WG	Turbidity	0.43	NTU	CAMO-20-192956
334228	R-62	1158.4	08/21/2020	WG	Turbidity	1.18	NTU	CAMO-20-198951
348504	R-62	1158.4	11/06/2020	WG	Turbidity	0.3	NTU	CAMO-21-210574
260938	R-67	1242.6	01/09/2019	WG	Dissolved Oxygen	6.52	mg/L	CASA-19-166007
279340	R-67	1242.6	05/10/2019	WG	Dissolved Oxygen	6.56	mg/L	CASA-19-175200
287491	R-67	1242.6	07/24/2019	WG	Dissolved Oxygen	6.38	mg/L	CASA-19-182715
302492	R-67	1242.6	11/05/2019	WG	Dissolved Oxygen	6.58	mg/L	CASA-20-189234
—	R-67	1242.6	01/15/2020	WG	Dissolved Oxygen	6.57	mg/L	—
334135	R-67	1242.6	08/20/2020	WG	Dissolved Oxygen	6.49	mg/L	CASA-20-199000
348406	R-67	1242.6	11/06/2020	WG	Dissolved Oxygen	6.77	mg/L	CASA-21-210576
260937	R-67	1242.6	01/09/2019	WG	Flow (in gpm)	3.75	gpm	CASA-19-166007
279339	R-67	1242.6	05/10/2019	WG	Flow (in gpm)	3.99	gpm	CASA-19-175200
287490	R-67	1242.6	07/24/2019	WG	Flow (in gpm)	4	gpm	CASA-19-182715
302491	R-67	1242.6	11/05/2019	WG	Flow (in gpm)	4	gpm	CASA-20-189234
—	R-67	1242.6	01/15/2020	WG	Flow (in gpm)	4.05	gpm	—

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
334134	R-67	1242.6	08/20/2020	WG	Flow (in gpm)	4.05	gpm	CASA-20-199000
348362	R-67	1242.6	11/06/2020	WG	Flow (in gpm)	4	gpm	CASA-21-210576
260940	R-67	1242.6	01/09/2019	WG	Oxidation-Reduction Potential	223.7	mV	CASA-19-166007
279342	R-67	1242.6	05/10/2019	WG	Oxidation-Reduction Potential	101.4	mV	CASA-19-175200
287493	R-67	1242.6	07/24/2019	WG	Oxidation-Reduction Potential	246.6	mV	CASA-19-182715
302494	R-67	1242.6	11/05/2019	WG	Oxidation-Reduction Potential	132	mV	CASA-20-189234
—	R-67	1242.6	01/15/2020	WG	Oxidation-Reduction Potential	173.9	mV	—
334137	R-67	1242.6	08/20/2020	WG	Oxidation-Reduction Potential	113.8	mV	CASA-20-199000
348408	R-67	1242.6	11/06/2020	WG	Oxidation-Reduction Potential	157.6	mV	CASA-21-210576
260946	R-67	1242.6	01/09/2019	WG	pH	8.14	SU	CASA-19-166007
279348	R-67	1242.6	05/10/2019	WG	pH	8.26	SU	CASA-19-175200
287495	R-67	1242.6	07/24/2019	WG	pH	8.28	SU	CASA-19-182715
302444	R-67	1242.6	11/05/2019	WG	pH	8.27	SU	CASA-20-189234
—	R-67	1242.6	01/15/2020	WG	pH	8.25	SU	—
334093	R-67	1242.6	08/20/2020	WG	pH	8.08	SU	CASA-20-199000
348410	R-67	1242.6	11/06/2020	WG	pH	7.9	SU	CASA-21-210576
260942	R-67	1242.6	01/09/2019	WG	Specific Conductance	170.7	µs/cm	CASA-19-166007
279344	R-67	1242.6	05/10/2019	WG	Specific Conductance	169.4	µs/cm	CASA-19-175200
287454	R-67	1242.6	07/24/2019	WG	Specific Conductance	169	µs/cm	CASA-19-182715
302446	R-67	1242.6	11/05/2019	WG	Specific Conductance	167.9	µs/cm	CASA-20-189234
—	R-67	1242.6	01/15/2020	WG	Specific Conductance	167	µs/cm	—
334095	R-67	1242.6	08/20/2020	WG	Specific Conductance	167	µs/cm	CASA-20-199000
348363	R-67	1242.6	11/06/2020	WG	Specific Conductance	168.4	µs/cm	CASA-21-210576
260943	R-67	1242.6	01/09/2019	WG	Temperature	18.4	deg C	CASA-19-166007
279345	R-67	1242.6	05/10/2019	WG	Temperature	19	deg C	CASA-19-175200
287455	R-67	1242.6	07/24/2019	WG	Temperature	20.6	deg C	CASA-19-182715
302447	R-67	1242.6	11/05/2019	WG	Temperature	19.3	deg C	CASA-20-189234

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
—	R-67	1242.6	01/15/2020	WG	Temperature	18.9	deg C	—
334096	R-67	1242.6	08/20/2020	WG	Temperature	20.9	deg C	CASA-20-199000
348364	R-67	1242.6	11/06/2020	WG	Temperature	19.5	deg C	CASA-21-210576
260945	R-67	1242.6	01/09/2019	WG	Turbidity	6.27	NTU	CASA-19-166007
279347	R-67	1242.6	05/10/2019	WG	Turbidity	0.82	NTU	CASA-19-175200
287457	R-67	1242.6	07/24/2019	WG	Turbidity	0.32	NTU	CASA-19-182715
302449	R-67	1242.6	11/05/2019	WG	Turbidity	0.58	NTU	CASA-20-189234
—	R-67	1242.6	01/15/2020	WG	Turbidity	0.51*	NTU	—
334139	R-67	1242.6	08/20/2020	WG	Turbidity	0.49	NTU	CASA-20-199000
348366	R-67	1242.6	11/06/2020	WG	Turbidity	0.47	NTU	CASA-21-210576
329527	R-70 S1	963.0	08/04/2020	WG	Dissolved Oxygen	4.61	mg/L	CAMO-20-198954
339819	R-70 S1	963.0	09/23/2020	WG	Dissolved Oxygen	4.97	mg/L	CAMO-20-206054
343879	R-70 S1	963.0	10/15/2020	WG	Dissolved Oxygen	4.71	mg/L	CAMO-21-208202
348647	R-70 S1	963.0	11/09/2020	WG	Dissolved Oxygen	4.74	mg/L	CAMO-21-210578
353351	R-70 S1	963.0	12/03/2020	WG	Dissolved Oxygen	4.94	mg/L	CAMO-21-211015
329526	R-70 S1	963.0	08/04/2020	WG	Flow (in gpm)	9.38	gpm	CAMO-20-198954
339818	R-70 S1	963.0	09/23/2020	WG	Flow (in gpm)	9.38	gpm	CAMO-20-206054
343878	R-70 S1	963.0	10/15/2020	WG	Flow (in gpm)	9.4	gpm	CAMO-21-208202
348646	R-70 S1	963.0	11/09/2020	WG	Flow (in gpm)	9.38	gpm	CAMO-21-210578
353373	R-70 S1	963.0	12/03/2020	WG	Flow (in gpm)	9.09	gpm	CAMO-21-211015
329529	R-70 S1	963.0	08/04/2020	WG	Oxidation-Reduction Potential	163.7	mV	CAMO-20-198954
339864	R-70 S1	963.0	09/23/2020	WG	Oxidation-Reduction Potential	116.5	mV	CAMO-20-206054
343881	R-70 S1	963.0	10/15/2020	WG	Oxidation-Reduction Potential	130.9	mV	CAMO-21-208202
348613	R-70 S1	963.0	11/09/2020	WG	Oxidation-Reduction Potential	196	mV	CAMO-21-210578
353353	R-70 S1	963.0	12/03/2020	WG	Oxidation-Reduction Potential	124	mV	CAMO-21-211015
329495	R-70 S1	963.0	08/04/2020	WG	pH	7.63	SU	CAMO-20-198954
339866	R-70 S1	963.0	09/23/2020	WG	pH	7.87	SU	CAMO-20-206054

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
343952	R-70 S1	963.0	10/15/2020	WG	pH	7.86	SU	CAMO-21-208202
348648	R-70 S1	963.0	11/09/2020	WG	pH	7.66	SU	CAMO-21-210578
353355	R-70 S1	963.0	12/03/2020	WG	pH	7.95	SU	CAMO-21-211015
329497	R-70 S1	963.0	08/04/2020	WG	Specific Conductance	215.6	µs/cm	CAMO-20-198954
339822	R-70 S1	963.0	09/23/2020	WG	Specific Conductance	212.1	µs/cm	CAMO-20-206054
343954	R-70 S1	963.0	10/15/2020	WG	Specific Conductance	210.6	µs/cm	CAMO-21-208202
348650	R-70 S1	963.0	11/09/2020	WG	Specific Conductance	207.8	µs/cm	CAMO-21-210578
353375	R-70 S1	963.0	12/03/2020	WG	Specific Conductance	212.7	µs/cm	CAMO-21-211015
329498	R-70 S1	963.0	08/04/2020	WG	Temperature	21.3	deg C	CAMO-20-198954
339823	R-70 S1	963.0	09/23/2020	WG	Temperature	21.7	deg C	CAMO-20-206054
343883	R-70 S1	963.0	10/15/2020	WG	Temperature	21	deg C	CAMO-21-208202
348615	R-70 S1	963.0	11/09/2020	WG	Temperature	20.5	deg C	CAMO-21-210578
353376	R-70 S1	963.0	12/03/2020	WG	Temperature	20.1	deg C	CAMO-21-211015
329531	R-70 S1	963.0	08/04/2020	WG	Turbidity	0.94	NTU	CAMO-20-198954
339825	R-70 S1	963.0	09/23/2020	WG	Turbidity	0.73	NTU	CAMO-20-206054
343885	R-70 S1	963.0	10/15/2020	WG	Turbidity	0.45	NTU	CAMO-21-208202
348617	R-70 S1	963.0	11/09/2020	WG	Turbidity	0.5	NTU	CAMO-21-210578
353378	R-70 S1	963.0	12/03/2020	WG	Turbidity	1.17	NTU	CAMO-21-211015
329600	R-70 S2	1048.0	08/04/2020	WG	Dissolved Oxygen	4.21	mg/L	CAMO-20-198957
339898	R-70 S2	1048.0	09/23/2020	WG	Dissolved Oxygen	4.4	mg/L	CAMO-20-206058
—	R-70 S2	1048.0	10/15/2020	WG	Dissolved Oxygen	3.50	mg/L	—
348709	R-70 S2	1048.0	11/09/2020	WG	Dissolved Oxygen	3.49	mg/L	CAMO-21-210581
353483	R-70 S2	1048.0	12/03/2020	WG	Dissolved Oxygen	3.61	mg/L	CAMO-21-211018
329599	R-70 S2	1048.0	08/04/2020	WG	Flow (in gpm)	9.68	gpm	CAMO-20-198957
339897	R-70 S2	1048.0	09/23/2020	WG	Flow (in gpm)	9.38	gpm	CAMO-20-206058
—	R-70 S2	1048.0	10/15/2020	WG	Flow (in gpm)	9	gpm	—
348708	R-70 S2	1048.0	11/09/2020	WG	Flow (in gpm)	10	gpm	CAMO-21-210581

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
353482	R-70 S2	1048.0	12/03/2020	WG	Flow (in gpm)	9.09	gpm	CAMO-21-211018
329639	R-70 S2	1048.0	08/04/2020	WG	Oxidation-Reduction Potential	152.6	mV	CAMO-20-198957
339935	R-70 S2	1048.0	09/23/2020	WG	Oxidation-Reduction Potential	141.5	mV	CAMO-20-206058
—	R-70 S2	1048.0	10/15/2020	WG	Oxidation-Reduction Potential	134.1	mV	—
348711	R-70 S2	1048.0	11/09/2020	WG	Oxidation-Reduction Potential	198.4	mV	CAMO-21-210581
353485	R-70 S2	1048.0	12/03/2020	WG	Oxidation-Reduction Potential	107.7	mV	CAMO-21-211018
329641	R-70 S2	1048.0	08/04/2020	WG	pH	7.89	SU	CAMO-20-198957
339899	R-70 S2	1048.0	09/23/2020	WG	pH	7.92	SU	CAMO-20-206058
—	R-70 S2	1048.0	10/15/2020	WG	pH	7.90	SU	—
348750	R-70 S2	1048.0	11/09/2020	WG	pH	7.66	SU	CAMO-21-210581
353414	R-70 S2	1048.0	12/03/2020	WG	pH	8.01	SU	CAMO-21-211018
329643	R-70 S2	1048.0	08/04/2020	WG	Specific Conductance	310.7	µs/cm	CAMO-20-198957
339901	R-70 S2	1048.0	09/23/2020	WG	Specific Conductance	314.2	µs/cm	CAMO-20-206058
—	R-70 S2	1048.0	10/15/2020	WG	Specific Conductance	317.5	µs/cm	—
348713	R-70 S2	1048.0	11/09/2020	WG	Specific Conductance	314.3	µs/cm	CAMO-21-210581
353416	R-70 S2	1048.0	12/03/2020	WG	Specific Conductance	316	µs/cm	CAMO-21-211018
329602	R-70 S2	1048.0	08/04/2020	WG	Temperature	21.7	deg C	CAMO-20-198957
339966	R-70 S2	1048.0	09/23/2020	WG	Temperature	21.5	deg C	CAMO-20-206058
—	R-70 S2	1048.0	10/15/2020	WG	Temperature	21.5	deg C	—
348714	R-70 S2	1048.0	11/09/2020	WG	Temperature	20.5	deg C	CAMO-21-210581
353417	R-70 S2	1048.0	12/03/2020	WG	Temperature	19.8	deg C	CAMO-21-211018
329604	R-70 S2	1048.0	08/04/2020	WG	Turbidity	0.5	NTU	CAMO-20-198957
339968	R-70 S2	1048.0	09/23/2020	WG	Turbidity	0.24	NTU	CAMO-20-206058
—	R-70 S2	1048.0	10/15/2020	WG	Turbidity	0.10*	NTU	—
348716	R-70 S2	1048.0	11/09/2020	WG	Turbidity	0.5	NTU	CAMO-21-210581
353487	R-70 S2	1048.0	12/03/2020	WG	Turbidity	0.06	NTU	CAMO-21-211018
211713	SCI-1	358.4	11/13/2017	WG	Dissolved Oxygen	8.97	mg/L	CASA-18-148003

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
233699	SCI-1	358.4	05/09/2018	WG	Dissolved Oxygen	8.78	mg/L	CASA-18-154756
256074	SCI-1	358.4	11/13/2018	WG	Dissolved Oxygen	9.22	mg/L	CASA-19-164011
279539	SCI-1	358.4	05/20/2019	WG	Dissolved Oxygen	8.76	mg/L	CASA-19-175178
—	SCI-1	358.4	07/19/2019	WG	Dissolved Oxygen	8.88	mg/L	—
—	SCI-1	358.4	11/15/2019	WG	Dissolved Oxygen	8.94	mg/L	—
—	SCI-1	358.4	08/06/2020	WG	Dissolved Oxygen	8.84	mg/L	—
347953	SCI-1	358.4	11/04/2020	WG	Dissolved Oxygen	8.93	mg/L	CASA-21-210519
211712	SCI-1	358.4	11/13/2017	WG	Flow (in gpm)	0.96	gpm	CASA-18-148003
233689	SCI-1	358.4	05/09/2018	WG	Flow (in gpm)	0.77	gpm	CASA-18-154756
256073	SCI-1	358.4	11/13/2018	WG	Flow (in gpm)	0.78	gpm	CASA-19-164011
279538	SCI-1	358.4	05/20/2019	WG	Flow (in gpm)	0.71	gpm	CASA-19-175178
—	SCI-1	358.4	07/19/2019	WG	Flow (in gpm)	0.63	gpm	—
—	SCI-1	358.4	11/15/2019	WG	Flow (in gpm)	0.63	gpm	—
—	SCI-1	358.4	08/06/2020	WG	Flow (in gpm)	0.63	gpm	—
347952	SCI-1	358.4	11/04/2020	WG	Flow (in gpm)	0.59	gpm	CASA-21-210519
211715	SCI-1	358.4	11/13/2017	WG	Oxidation-Reduction Potential	100.2	mV	CASA-18-148003
233701	SCI-1	358.4	05/09/2018	WG	Oxidation-Reduction Potential	-26.5	mV	CASA-18-154756
256076	SCI-1	358.4	11/13/2018	WG	Oxidation-Reduction Potential	223.3	mV	CASA-19-164011
279541	SCI-1	358.4	05/20/2019	WG	Oxidation-Reduction Potential	190.2	mV	CASA-19-175178
—	SCI-1	358.4	07/19/2019	WG	Oxidation-Reduction Potential	168.4	mV	—
—	SCI-1	358.4	11/15/2019	WG	Oxidation-Reduction Potential	37.9	mV	—
—	SCI-1	358.4	08/06/2020	WG	Oxidation-Reduction Potential	148.0	mV	—
347955	SCI-1	358.4	11/04/2020	WG	Oxidation-Reduction Potential	39.6	mV	CASA-21-210519
211721	SCI-1	358.4	11/13/2017	WG	pH	7.16	SU	CASA-18-148003
233703	SCI-1	358.4	05/09/2018	WG	pH	7.51	SU	CASA-18-154756
256078	SCI-1	358.4	11/13/2018	WG	pH	7.6	SU	CASA-19-164011
279543	SCI-1	358.4	05/20/2019	WG	pH	7.05	SU	CASA-19-175178

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
—	SCI-1	358.4	07/19/2019	WG	pH	7.13	SU	—
—	SCI-1	358.4	11/15/2019	WG	pH	7.11	SU	—
—	SCI-1	358.4	08/06/2020	WG	pH	7.35	SU	—
347957	SCI-1	358.4	11/04/2020	WG	pH	6.93	SU	CASA-21-210519
211717	SCI-1	358.4	11/13/2017	WG	Specific Conductance	100.2	µs/cm	CASA-18-148003
233705	SCI-1	358.4	05/09/2018	WG	Specific Conductance	683	µs/cm	CASA-18-154756
256080	SCI-1	358.4	11/13/2018	WG	Specific Conductance	681	µs/cm	CASA-19-164011
279545	SCI-1	358.4	05/20/2019	WG	Specific Conductance	681	µs/cm	CASA-19-175178
—	SCI-1	358.4	07/19/2019	WG	Specific Conductance	678	µs/cm	—
—	SCI-1	358.4	11/15/2019	WG	Specific Conductance	670	µs/cm	—
—	SCI-1	358.4	08/06/2020	WG	Specific Conductance	674	µs/cm	—
347930	SCI-1	358.4	11/04/2020	WG	Specific Conductance	661	µs/cm	CASA-21-210519
211718	SCI-1	358.4	11/13/2017	WG	Temperature	10.4	deg C	CASA-18-148003
233680	SCI-1	358.4	05/09/2018	WG	Temperature	12	deg C	CASA-18-154756
256081	SCI-1	358.4	11/13/2018	WG	Temperature	9.2	deg C	CASA-19-164011
279561	SCI-1	358.4	05/20/2019	WG	Temperature	10.4	deg C	CASA-19-175178
—	SCI-1	358.4	07/19/2019	WG	Temperature	11	deg C	—
—	SCI-1	358.4	11/15/2019	WG	Temperature	10	deg C	—
—	SCI-1	358.4	08/06/2020	WG	Temperature	11	deg C	—
347931	SCI-1	358.4	11/04/2020	WG	Temperature	10	deg C	CASA-21-210519
211720	SCI-1	358.4	11/13/2017	WG	Turbidity	1.8	NTU	CASA-18-148003
233682	SCI-1	358.4	05/09/2018	WG	Turbidity	18.2	NTU	CASA-18-154756
256089	SCI-1	358.4	11/13/2018	WG	Turbidity	14.8	NTU	CASA-19-164011
279563	SCI-1	358.4	05/20/2019	WG	Turbidity	2.62	NTU	CASA-19-175178
—	SCI-1	358.4	07/19/2019	WG	Turbidity	3.43	NTU	—
—	SCI-1	358.4	11/15/2019	WG	Turbidity	3.21	NTU	—
—	SCI-1	358.4	08/06/2020	WG	Turbidity	2.32	NTU	—

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
347933	SCI-1	358.4	11/04/2020	WG	Turbidity	0.86	NTU	CASA-21-210519
262198	SCI-2	548.0	01/16/2019	WG	Dissolved Oxygen	8.52	mg/L	CASA-19-165997
278102	SCI-2	548.0	05/14/2019	WG	Dissolved Oxygen	8.28	mg/L	CASA-19-175180
285603	SCI-2	548.0	07/12/2019	WG	Dissolved Oxygen	8.06	mg/L	CASA-19-182097
304952	SCI-2	548.0	11/15/2019	WG	Dissolved Oxygen	8.06	mg/L	CASA-20-189203
314450	SCI-2	548.0	01/23/2020	WG	Dissolved Oxygen	8.24	mg/L	CASA-20-192765
330259	SCI-2	548.0	08/06/2020	WG	Dissolved Oxygen	8.09	mg/L	CASA-20-205904
348001	SCI-2	548.0	11/04/2020	WG	Dissolved Oxygen	8.4	mg/L	CASA-21-210521
262197	SCI-2	548.0	01/16/2019	WG	Flow (in gpm)	0.58	gpm	CASA-19-165997
278101	SCI-2	548.0	05/14/2019	WG	Flow (in gpm)	1.08	gpm	CASA-19-175180
285602	SCI-2	548.0	07/12/2019	WG	Flow (in gpm)	0.79	gpm	CASA-19-182097
304951	SCI-2	548.0	11/15/2019	WG	Flow (in gpm)	0.56	gpm	CASA-20-189203
314449	SCI-2	548.0	01/23/2020	WG	Flow (in gpm)	0.43	gpm	CASA-20-192765
330258	SCI-2	548.0	08/06/2020	WG	Flow (in gpm)	0.61	gpm	CASA-20-205904
348000	SCI-2	548.0	11/04/2020	WG	Flow (in gpm)	0.67	gpm	CASA-21-210521
262200	SCI-2	548.0	01/16/2019	WG	Oxidation-Reduction Potential	284.7	mV	CASA-19-165997
278104	SCI-2	548.0	05/14/2019	WG	Oxidation-Reduction Potential	224.3	mV	CASA-19-175180
285605	SCI-2	548.0	07/12/2019	WG	Oxidation-Reduction Potential	182.2	mV	CASA-19-182097
304954	SCI-2	548.0	11/15/2019	WG	Oxidation-Reduction Potential	205.7	mV	CASA-20-189203
314452	SCI-2	548.0	01/23/2020	WG	Oxidation-Reduction Potential	217.9	mV	CASA-20-192765
330261	SCI-2	548.0	08/06/2020	WG	Oxidation-Reduction Potential	198.2	mV	CASA-20-205904
348063	SCI-2	548.0	11/04/2020	WG	Oxidation-Reduction Potential	238.8	mV	CASA-21-210521
262202	SCI-2	548.0	01/16/2019	WG	pH	7.36	SU	CASA-19-165997
278106	SCI-2	548.0	05/14/2019	WG	pH	7.39	SU	CASA-19-175180
285610	SCI-2	548.0	07/12/2019	WG	pH	7.22	SU	CASA-19-182097
304906	SCI-2	548.0	11/15/2019	WG	pH	7.42	SU	CASA-20-189203
314532	SCI-2	548.0	01/23/2020	WG	pH	7.42	SU	CASA-20-192765

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
330199	SCI-2	548.0	08/06/2020	WG	pH	7.45	SU	CASA-20-205904
348065	SCI-2	548.0	11/04/2020	WG	pH	7.05	SU	CASA-21-210521
262155	SCI-2	548.0	01/16/2019	WG	Specific Conductance	633	µs/cm	CASA-19-165997
278108	SCI-2	548.0	05/14/2019	WG	Specific Conductance	634	µs/cm	CASA-19-175180
285606	SCI-2	548.0	07/12/2019	WG	Specific Conductance	631	µs/cm	CASA-19-182097
304908	SCI-2	548.0	11/15/2019	WG	Specific Conductance	627	µs/cm	CASA-20-189203
314534	SCI-2	548.0	01/23/2020	WG	Specific Conductance	635	µs/cm	CASA-20-192765
330201	SCI-2	548.0	08/06/2020	WG	Specific Conductance	640	µs/cm	CASA-20-205904
348067	SCI-2	548.0	11/04/2020	WG	Specific Conductance	628	µs/cm	CASA-21-210521
262156	SCI-2	548.0	01/16/2019	WG	Temperature	13.3	deg C	CASA-19-165997
278109	SCI-2	548.0	05/14/2019	WG	Temperature	14.3	deg C	CASA-19-175180
285607	SCI-2	548.0	07/12/2019	WG	Temperature	15.1	deg C	CASA-19-182097
304909	SCI-2	548.0	11/15/2019	WG	Temperature	13.3	deg C	CASA-20-189203
314535	SCI-2	548.0	01/23/2020	WG	Temperature	12.3	deg C	CASA-20-192765
330202	SCI-2	548.0	08/06/2020	WG	Temperature	14.4	deg C	CASA-20-205904
348068	SCI-2	548.0	11/04/2020	WG	Temperature	13.6	deg C	CASA-21-210521
262158	SCI-2	548.0	01/16/2019	WG	Turbidity	0.81	NTU	CASA-19-165997
278152	SCI-2	548.0	05/14/2019	WG	Turbidity	3.35	NTU	CASA-19-175180
285609	SCI-2	548.0	07/12/2019	WG	Turbidity	6.15	NTU	CASA-19-182097
304955	SCI-2	548.0	11/15/2019	WG	Turbidity	5.97	NTU	CASA-20-189203
314537	SCI-2	548.0	01/23/2020	WG	Turbidity	1.66	NTU	CASA-20-192765
330263	SCI-2	548.0	08/06/2020	WG	Turbidity	3.92	NTU	CASA-20-205904
348003	SCI-2	548.0	11/04/2020	WG	Turbidity	0.99	NTU	CASA-21-210521
293981	SIMR-2	885.0	09/24/2019	WG	Dissolved Oxygen	7.33	mg/L	CAMO-19-186544
296722	SIMR-2	885.0	10/15/2019	WG	Dissolved Oxygen	7.07	mg/L	CAMO-20-188267
304185	SIMR-2	885.0	11/13/2019	WG	Dissolved Oxygen	7.16	mg/L	CAMO-20-189197
310269	SIMR-2	885.0	12/19/2019	WG	Dissolved Oxygen	7.56	mg/L	CAMO-20-190697

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
312925	SIMR-2	885.0	01/16/2020	WG	Dissolved Oxygen	7.38	mg/L	CAMO-20-192762
317009	SIMR-2	885.0	02/19/2020	WG	Dissolved Oxygen	7.29	mg/L	CAMO-20-193978
319611	SIMR-2	885.0	03/18/2020	WG	Dissolved Oxygen	7.12	mg/L	CAMO-20-196259
324609	SIMR-2	885.0	06/29/2020	WG	Dissolved Oxygen	7.04	mg/L	CAMO-20-198587
326332	SIMR-2	885.0	07/22/2020	WG	Dissolved Oxygen	6.91	mg/L	CAMO-20-205444
331865	SIMR-2	885.0	08/13/2020	WG	Dissolved Oxygen	7.33	mg/L	CAMO-20-198959
340482	SIMR-2	885.0	09/25/2020	WG	Dissolved Oxygen	7.21	mg/L	CAMO-20-206027
342156	SIMR-2	885.0	10/14/2020	WG	Dissolved Oxygen	7	mg/L	CAMO-21-208208
349364	SIMR-2	885.0	11/12/2020	WG	Dissolved Oxygen	7.12	mg/L	CAMO-21-210584
293980	SIMR-2	885.0	09/24/2019	WG	Flow (in gpm)	3.57	gpm	CAMO-19-186544
296763	SIMR-2	885.0	10/15/2019	WG	Flow (in gpm)	3.53	gpm	CAMO-20-188267
304184	SIMR-2	885.0	11/13/2019	WG	Flow (in gpm)	3.57	gpm	CAMO-20-189197
310268	SIMR-2	885.0	12/19/2019	WG	Flow (in gpm)	3.66	gpm	CAMO-20-190697
312998	SIMR-2	885.0	01/16/2020	WG	Flow (in gpm)	3.84	gpm	CAMO-20-192762
317008	SIMR-2	885.0	02/19/2020	WG	Flow (in gpm)	3.44	gpm	CAMO-20-193978
319610	SIMR-2	885.0	03/18/2020	WG	Flow (in gpm)	3.53	gpm	CAMO-20-196259
324538	SIMR-2	885.0	06/29/2020	WG	Flow (in gpm)	3.53	gpm	CAMO-20-198587
326331	SIMR-2	885.0	07/22/2020	WG	Flow (in gpm)	3.57	gpm	CAMO-20-205444
331864	SIMR-2	885.0	08/13/2020	WG	Flow (in gpm)	3.66	gpm	CAMO-20-198959
340481	SIMR-2	885.0	09/25/2020	WG	Flow (in gpm)	3.53	gpm	CAMO-20-206027
342155	SIMR-2	885.0	10/14/2020	WG	Flow (in gpm)	3.57	gpm	CAMO-21-208208
349363	SIMR-2	885.0	11/12/2020	WG	Flow (in gpm)	3.7	gpm	CAMO-21-210584
293983	SIMR-2	885.0	09/24/2019	WG	Oxidation-Reduction Potential	144	mV	CAMO-19-186544
296724	SIMR-2	885.0	10/15/2019	WG	Oxidation-Reduction Potential	121.7	mV	CAMO-20-188267
304181	SIMR-2	885.0	11/13/2019	WG	Oxidation-Reduction Potential	222.6	mV	CAMO-20-189197
310349	SIMR-2	885.0	12/19/2019	WG	Oxidation-Reduction Potential	344.3	mV	CAMO-20-190697
312927	SIMR-2	885.0	01/16/2020	WG	Oxidation-Reduction Potential	213.7	mV	CAMO-20-192762

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
317011	SIMR-2	885.0	02/19/2020	WG	Oxidation-Reduction Potential	158.1	mV	CAMO-20-193978
319671	SIMR-2	885.0	03/18/2020	WG	Oxidation-Reduction Potential	163.8	mV	CAMO-20-196259
324611	SIMR-2	885.0	06/29/2020	WG	Oxidation-Reduction Potential	130.8	mV	CAMO-20-198587
326334	SIMR-2	885.0	07/22/2020	WG	Oxidation-Reduction Potential	134.9	mV	CAMO-20-205444
331867	SIMR-2	885.0	08/13/2020	WG	Oxidation-Reduction Potential	189.3	mV	CAMO-20-198959
340540	SIMR-2	885.0	09/25/2020	WG	Oxidation-Reduction Potential	173.9	mV	CAMO-20-206027
342158	SIMR-2	885.0	10/14/2020	WG	Oxidation-Reduction Potential	172.8	mV	CAMO-21-208208
349366	SIMR-2	885.0	11/12/2020	WG	Oxidation-Reduction Potential	201.5	mV	CAMO-21-210584
293932	SIMR-2	885.0	09/24/2019	WG	pH	7.86	SU	CAMO-19-186544
296726	SIMR-2	885.0	10/15/2019	WG	pH	7.82	SU	CAMO-20-188267
304187	SIMR-2	885.0	11/13/2019	WG	pH	7.79	SU	CAMO-20-189197
310351	SIMR-2	885.0	12/19/2019	WG	pH	7.89	SU	CAMO-20-190697
312929	SIMR-2	885.0	01/16/2020	WG	pH	7.76	SU	CAMO-20-192762
317041	SIMR-2	885.0	02/19/2020	WG	pH	7.82	SU	CAMO-20-193978
319673	SIMR-2	885.0	03/18/2020	WG	pH	7.88	SU	CAMO-20-196259
324613	SIMR-2	885.0	06/29/2020	WG	pH	7.87	SU	CAMO-20-198587
326336	SIMR-2	885.0	07/22/2020	WG	pH	7.83	SU	CAMO-20-205444
331812	SIMR-2	885.0	08/13/2020	WG	pH	7.67	SU	CAMO-20-198959
340542	SIMR-2	885.0	09/25/2020	WG	pH	7.6	SU	CAMO-20-206027
342149	SIMR-2	885.0	10/14/2020	WG	pH	7.81	SU	CAMO-21-208208
349257	SIMR-2	885.0	11/12/2020	WG	pH	7.57	SU	CAMO-21-210584
293934	SIMR-2	885.0	09/24/2019	WG	Specific Conductance	131.4	µs/cm	CAMO-19-186544
296748	SIMR-2	885.0	10/15/2019	WG	Specific Conductance	131.1	µs/cm	CAMO-20-188267
304242	SIMR-2	885.0	11/13/2019	WG	Specific Conductance	129.7	µs/cm	CAMO-20-189197
310353	SIMR-2	885.0	12/19/2019	WG	Specific Conductance	135.8	µs/cm	CAMO-20-190697
313000	SIMR-2	885.0	01/16/2020	WG	Specific Conductance	130	µs/cm	CAMO-20-192762
317043	SIMR-2	885.0	02/19/2020	WG	Specific Conductance	131.4	µs/cm	CAMO-20-193978

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
319675	SIMR-2	885.0	03/18/2020	WG	Specific Conductance	131.9	µs/cm	CAMO-20-196259
324539	SIMR-2	885.0	06/29/2020	WG	Specific Conductance	130.8	µs/cm	CAMO-20-198587
326282	SIMR-2	885.0	07/22/2020	WG	Specific Conductance	132.8	µs/cm	CAMO-20-205444
331814	SIMR-2	885.0	08/13/2020	WG	Specific Conductance	133.1	µs/cm	CAMO-20-198959
340544	SIMR-2	885.0	09/25/2020	WG	Specific Conductance	133	µs/cm	CAMO-20-206027
342151	SIMR-2	885.0	10/14/2020	WG	Specific Conductance	133.3	µs/cm	CAMO-21-208208
349259	SIMR-2	885.0	11/12/2020	WG	Specific Conductance	132.4	µs/cm	CAMO-21-210584
293935	SIMR-2	885.0	09/24/2019	WG	Temperature	21	deg C	CAMO-19-186544
296749	SIMR-2	885.0	10/15/2019	WG	Temperature	20.8	deg C	CAMO-20-188267
304243	SIMR-2	885.0	11/13/2019	WG	Temperature	19.9	deg C	CAMO-20-189197
310270	SIMR-2	885.0	12/19/2019	WG	Temperature	20.29	deg C	CAMO-20-190697
313001	SIMR-2	885.0	01/16/2020	WG	Temperature	19.2	deg C	CAMO-20-192762
317044	SIMR-2	885.0	02/19/2020	WG	Temperature	19.8	deg C	CAMO-20-193978
319676	SIMR-2	885.0	03/18/2020	WG	Temperature	20.4	deg C	CAMO-20-196259
324540	SIMR-2	885.0	06/29/2020	WG	Temperature	21.3	deg C	CAMO-20-198587
326283	SIMR-2	885.0	07/22/2020	WG	Temperature	21.4	deg C	CAMO-20-205444
331815	SIMR-2	885.0	08/13/2020	WG	Temperature	21.4	deg C	CAMO-20-198959
340483	SIMR-2	885.0	09/25/2020	WG	Temperature	21.1	deg C	CAMO-20-206027
342152	SIMR-2	885.0	10/14/2020	WG	Temperature	20.7	deg C	CAMO-21-208208
349260	SIMR-2	885.0	11/12/2020	WG	Temperature	19.8	deg C	CAMO-21-210584
293984	SIMR-2	885.0	09/24/2019	WG	Turbidity	0.45	NTU	CAMO-19-186544
296751	SIMR-2	885.0	10/15/2019	WG	Turbidity	0.76	NTU	CAMO-20-188267
304190	SIMR-2	885.0	11/13/2019	WG	Turbidity	0.2	NTU	CAMO-20-189197
310272	SIMR-2	885.0	12/19/2019	WG	Turbidity	0.12	NTU	CAMO-20-190697
313003	SIMR-2	885.0	01/16/2020	WG	Turbidity	0.92	NTU	CAMO-20-192762
317013	SIMR-2	885.0	02/19/2020	WG	Turbidity	0.48	NTU	CAMO-20-193978
319614	SIMR-2	885.0	03/18/2020	WG	Turbidity	0.49	NTU	CAMO-20-196259

Field Measurement Record #	Location ID	Screen Depth (ft)	Measurement Date	Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
324542	SIMR-2	885.0	06/29/2020	WG	Turbidity	0.13	NTU	CAMO-20-198587
326285	SIMR-2	885.0	07/22/2020	WG	Turbidity	0.51	NTU	CAMO-20-205444
331869	SIMR-2	885.0	08/13/2020	WG	Turbidity	0.36	NTU	CAMO-20-198959
340485	SIMR-2	885.0	09/25/2020	WG	Turbidity	0.15	NTU	CAMO-20-206027
342160	SIMR-2	885.0	10/14/2020	WG	Turbidity	0.28	NTU	CAMO-21-208208
349368	SIMR-2	885.0	11/12/2020	WG	Turbidity	0.37	NTU	CAMO-21-210584

[a] WG = Groundwater.

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

[c] gpm = Gallons per minute.

[d] SU = Standard unit.

[e] NTU = Nephelometric turbidity unit.

[f] S1 = Screen 1.

[g] S2 = Screen 2.

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
VOC, VOA	volatile organic compounds
Detect Flag and Best Value Flag Codes	
N	No
Y	Yes
Lab Codes	
ALTC	Alta Analytical Laboratory, Inc., San Diego, CA
ARSL	American Radiation Services, Inc.
CFA	Cape Fear Analytical, LLC, Wilmington, NC, Division of the GEL Group, Inc., Charleston SC
C-INC	Isotope and Nuclear Chemistry Division (LANL)
COAST	Coastal Science Laboratories, Austin, TX
CST	Chemical Sciences and Technology Division (LANL)
EES6	Hydrology, Geochemistry, and Geology Group (LANL)

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

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

Analytical Laboratory 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 Event

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.288	535	—	µg/L	—	—	0.288	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.288	—	—	µg/L	—	—	0.288	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	14100	—	µg/L	—	—	1.5	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	µg/L	—	—	8.0	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.41	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85.0	—	62	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*i	µg/L	—	—	68.0	Y	U	U	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0215	—	0.00829*i	pCi/L	0.0102	0.0675	—	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0468	—	0.0606*i	mg/L	—	—	0.017	Y	J	J	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.04	130	—	µg/L	—	—	4.04	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.288	1720	—	µg/L	—	—	0.288	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.88	3	—	µg/L	—	—	2.88	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.0	2000	13.5	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.75	0.00109	—	µg/L	—	—	3.75	Y	U	UJ	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.77	75000	—	µg/L	—	—	5.77	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.298	6	—	µg/L	—	—	0.288	Y	J	J	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	58.6	750	16.2*i	µg/L	—	—	15.0	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.459	—	0.0716*i	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.288	160	—	µg/L	—	—	0.288	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	59.5	—	10.7	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.27	—	2.96*i	pCi/L	1.31	3.89	—	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	46.5	250	3.11	mg/L	—	—	0.67	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	60.1	50	2.72*i	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.35	—	2.68*i	pCi/L	1.27	4.54	—	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	12.1	1000	3*i	µg/L	—	—	3.0	Y	J	J	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00209	0.2	0.0017*i	mg/L	—	—	0.00167	Y	J	J	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.288	14800	—	µg/L	—	—	0.288	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.88	7	—	µg/L	—	—	2.88	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10.0	4.59	—	µg/L	—	—	2.88	Y	—	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	25.0	4.59	—	µg/L	—	—	1.0	Y	—	J	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.88	122	—	µg/L	—	—	2.88	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.288	802	—	µg/L	—	—	0.288	Y	U	UJ	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.288	288	—	µg/L	—	—	0.288	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.502	1.6	0.234	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.2	15	3.85*i	pCi/L	0.845	2.83	—	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.67	—	9.18*i	pCi/L	0.843	2.43	—	Y	—	NQ	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	197.0	—	37.8	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.88	1	—	µg/L	—	—	2.88	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.88	50	—	µg/L	—	—	2.88	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	µg/L	—	—	1.5	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	54.1*i	µg/L	—	—	30.0	Y	U	U	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.37	781	—	µg/L	—	—	3.37	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*i	µg/L	—	—	0.5	Y	U	U	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	11.8	—	3.14	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.8	200	8.39*i	µg/L	—	—	2.0	Y	J	J	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.48	5	—	µg/L	—	—	1.0	Y	J	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.56	—	—	µg/L	—	—	3.56	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.09	1000	2.9	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.41	—	5.84*i	pCi/L	2.2	7.78	—	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	25.0	200	3.65	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.9	10	0.459	mg/L	—	—	0.425	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.88	—	—	µg/L	—	—	2.88	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.88	—	—	µg/L	—	—	2.88	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.88	—	—	µg/L	—	—	2.88	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	µg/L	—	—	0.00018	Y	U	UJ	N3B-2021-341	CAMO-21-210517	SwRI
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	0.00491	—	µg/L	—	—	0.00036	Y	U	UJ	N3B-2021-341	CAMO-21-210517	SwRI
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	0.0273	—	µg/L	—	—	0.00047	Y	U	UJ	N3B-2021-341	CAMO-21-210517	SwRI
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	µg/L	—	—	0.00018	Y	U	UJ	N3B-2021-341	CAMO-21-210517	SwRI
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	µg/L	—	—	0.00033	Y	U	UJ	N3B-2021-341	CAMO-21-210517	SwRI
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.88	1	—	µg/L	—	—	2.88	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	97.9	13.8	0.27	µg/L	—	—	5.0	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	Y	0.68	70	—	ng/L	—	—	0.572	Y	J	J	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.693	70	—	ng/L	—	—	0.693	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.693	70	—	ng/L	—	—	0.693	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.288	170	—	µg/L	—	—	0.288	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.88	5	—	µg/L	—	—	2.88	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00474	—	0.00732*i	pCi/L	0.00948	0.0549	—	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00237	—	0.0132*i	pCi/L	0.00786	0.0613	—	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.805	—	2.35	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.05	—	38.6*i	pCi/L	15.9	64.2	—	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.88	250	—	µg/L	—	—	2.88	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	µg/L	—	—	1.5	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.288	117	—	µg/L	—	—	0.288	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.88	20	—	µg/L	—	—	2.88	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.156	5	—	pCi/L	0.0738	0.213	—	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.267	—	—	pCi/L	0.147	—	—	Y	—	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.111	5	—	pCi/L	0.127	0.448	—	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*i	µg/L	—	—	2.0	Y	U	U	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	75	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*i	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	25.5	—	18.2	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.689	—	2.02*i	pCi/L	1.11	4.18	—	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	545.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	272.0	11800	59.6	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0453	8	0.282*i	pCi/L	0.135	0.486	—	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	46.8	600	7.1	mg/L	—	—	1.33	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.88	20	—	µg/L	—	—	2.88	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*i	µg/L	—	—	0.6	Y	U	U	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	13.3	12000	13*i	µg/L	—	—	2.5	Y	—	U	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	369.0	1000	135*i	mg/L	—	—	3.4	Y	—	J+	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.145	—	0.173*i	mg/L	—	—	0.033	Y	—	J+	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.613	—	1.35	mg/L	—	—	0.33	Y	J	J	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	0.68	70	—	ng/L	—	—	—	—	J	—	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.118	—	0.178*i	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	2850.0	20000	2.02*i	pCi/L	112.0	118.0	—	Y	—	NQ	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.775	30	0.992	µg/L	—	—	0.067	Y	—	J+	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.698	27.2	0.477	pCi/L	0.085	0.19	—	Y	—	NQ	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0484	28.8	0.0203*i	pCi/L	0.0272	0.164	—	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.202	30	0.201	pCi/L	0.0486	0.173	—	Y	—	NQ	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.28	63.1	9.29	µg/L	—	—	1.0	Y	J	J	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	30.0	10000	17.4*i	µg/L	—	—	3.3	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	535	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	14100	—	µg/L	—	—	1.5	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	µg/L	—	—	8.0	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.35	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.5	—	62	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*i	µg/L	—	—	68.0	Y	U	U	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.187	—	0.0606*i	mg/L	—	—	0.017	Y	—	J+	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	130	—	µg/L	—	—	4.2	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	1720	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.28	10	2.82*i	µg/L	—	—	2.0	Y	J	J	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	3	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.4	2000	13.5	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	51.3	750	16.2*i	µg/L	—	—	15.0	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.496	—	0.0716*i	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	160	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	57.9	—	10.7	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	49.4	250	3.11	mg/L	—	—	0.67	Y	—	J+	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	61.0	50	2.72*i	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	6.7	1000	3*i	µg/L	—	—	3.0	Y	J	J	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00277	0.2	0.0017*i	mg/L	—	—	0.00167	Y	J	J	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	14800	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	7	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	14.1	4.59	—	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	122	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	802	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	288	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.594	1.6	0.234	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	193.0	—	37.8	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	1	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	50	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	µg/L	—	—	1.5	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	54.1*i	µg/L	—	—	30.0	Y	U	U	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	781	—	µg/L	—	—	3.5	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*i	µg/L	—	—	0.5	Y	U	U	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	11.9	—	3.14	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.95	200	8.39*i	µg/L	—	—	2.0	Y	J	J	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	µg/L	—	—	3.7	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.08	1000	2.9	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	23.4	200	3.65	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.6	10	0.459	mg/L	—	—	0.425	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	1	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	73.7	13.8	0.27	µg/L	—	—	5.0	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	170	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	5	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.777	—	2.35	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	250	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	µg/L	—	—	1.5	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	117	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	20	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*i	µg/L	—	—	2.0	Y	U	U	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.5	—	75	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*i	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	23.9	—	18.2	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	546.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	231.0	11800	59.6	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	49.0	600	7.1	mg/L	—	—	1.33	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	20	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*i	µg/L	—	—	0.6	Y	U	U	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	9.95	12000	13*i	µg/L	—	—	2.5	Y	J	J	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	421.0	1000	135*i	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.173*i	mg/L	—	—	0.033	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.691	—	1.35	mg/L	—	—	0.33	Y	J	J	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0496	—	0.178*i	mg/L	—	—	0.02	Y	J	J	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.743	30	0.992	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.31	63.1	9.29	µg/L	—	—	1.0	Y	J	J	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	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-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	32.1	10000	17.4*i	µg/L	—	—	3.3	Y	—	J+	N3B-2020-1577	CAMO-20-205883	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.44	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.8	—	62	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*i	µg/L	—	—	68.0	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0402	—	0.0606*i	mg/L	—	—	0.017	Y	J	J	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	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-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	34.4	2000	13.5	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	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-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.481	—	0.0716*i	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	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-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	57.2	—	10.7	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	49.4	250	3.11	mg/L	—	—	0.67	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	62.4	50	2.72*i	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	4.88	1000	3*i	µg/L	—	—	3.0	Y	J	J	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	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-2020-677	CAMO-20-192613	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.499	1.6	0.234	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	189.0	—	37.8	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	54.1*i	µg/L	—	—	30.0	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*i	µg/L	—	—	0.5	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	11.3	—	3.14	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.35	200	8.39*i	µg/L	—	—	2.0	Y	J	J	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2020-677	CAMO-20-192613	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.15	1000	2.9	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	27.1	200	3.65	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	12.3	10	0.459	mg/L	—	—	0.17	Y	—	J+	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	96.6	13.8	0.27	µg/L	—	—	5.0	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	N	0.05	—	2.35	mg/L	—	—	0.05	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*i	µg/L	—	—	2.0	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.3	—	75	mg/L	—	—	0.053	Y	E	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*i	µg/L	—	—	0.3	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	24.1	—	18.2	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	471.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	248.0	11800	59.6	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	48.6	600	7.1	mg/L	—	—	1.33	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-677	CAMO-20-192613	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*i	µg/L	—	—	0.6	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*i	µg/L	—	—	2.5	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	370.0	1000	135*i	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0714	—	0.173*i	mg/L	—	—	0.033	Y	J	U	N3B-2020-677	CAMO-20-192613	GELC
MCOI-6	686.0	01/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.773	—	1.35	mg/L	—	—	0.33	Y	J	J	N3B-2020-677	CAMO-20-192613	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0656	—	0.178*i	mg/L	—	—	0.02	Y	—	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.784	30	0.992	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1.0	63.1	9.29	µg/L	—	—	1.0	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	33.2	10000	17.4*i	µg/L	—	—	3.3	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.0	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0218	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	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-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	12.1	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	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-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	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-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.7	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.84	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.81	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	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-2021-408	CAMO-21-210524	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.243	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.73	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-408	CAMO-21-210524	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.913	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.62	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.313	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.34	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.592	70	—	ng/L	—	—	0.592	Y	U	U	N3B-2021-408	CAMO-21-210524	GELC
R-1	1031.1	11/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.718	70	—	ng/L	—	—	0.718	Y	U	U	N3B-2021-408	CAMO-21-210524	GELC
R-1	1031.1	11/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.718	70	—	ng/L	—	—	0.718	Y	U	U	N3B-2021-408	CAMO-21-210524	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.63	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.14	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-408	CAMO-21-210524	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	5.09	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	190.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-408	CAMO-21-210524	GELC
R-1	1031.1	11/16/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-408	CAMO-21-210524	GELC
R-1	1031.1	11/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	—	U	—	N3B-2021-408	CAMO-21-210524	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0865	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.905	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.43	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.39	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.838	—	0.1*r	mg/L	—	—	0.017	Y	—	J+	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.0	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	13.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	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-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	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-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.04	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.29	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	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-2020-1577	CAMO-20-205906	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.24	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.01	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1577	CAMO-20-205906	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.13	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.48	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.331	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.354	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.3	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1577	CAMO-20-205906	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.3	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	177.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1577	CAMO-20-205906	GELC
R-1	1031.1	08/17/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1577	CAMO-20-205906	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0355	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.866	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.76	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.74	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1577	CAMO-20-205907	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.114	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0718	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.95	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.86	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	40.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	29.3	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	29.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0786	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0736	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	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-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	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-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.87	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.84	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	11.3	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	10.4	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	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-2021-551	CASA-21-210991	GELC
R-11	855.0	12/08/2020	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-2021-551	CASA-21-211024	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.406	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.408	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	81.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	80.7	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.17	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.09	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-551	CASA-21-210991	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-551	CASA-21-211024	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.62	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.54	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.949	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.06	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.53	10	0.769	mg/L	—	—	0.425	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.4	10	0.769	mg/L	—	—	0.425	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.784	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.82	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	238.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	235.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	86.8	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	86.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.21	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.29	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-551	CASA-21-210991	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-551	CASA-21-211024	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	201.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	213.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0617	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2021-551	CASA-21-210991	GELC
R-11	855.0	12/08/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.261	—	0.165*r	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-551	CASA-21-211024	GELC
R-11	855.0	12/08/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.398	—	1.08	mg/L	—	—	0.33	Y	J	U	N3B-2021-551	CASA-21-210991	GELC
R-11	855.0	12/08/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-551	CASA-21-211024	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	0.0822*r	mg/L	—	—	0.02	Y	U	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0208	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.782	30	1.19	µg/L	—	—	0.067	Y	—	J+	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.727	30	1.19	µg/L	—	—	0.067	Y	—	J+	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.19	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	7.5	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	11.9	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	11.8	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0308	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.14	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	4.18	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	44.6	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	44.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	34.7	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	35.9	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	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-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	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-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.8	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.82	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.87	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	15.4	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	15.1	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	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-2021-287	CASA-21-210526	GELC
R-11	855.0	11/03/2020	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-2021-287	CASA-21-210529	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.574	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.579	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	86.7	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	85.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.22	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.13	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-287	CASA-21-210526	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-287	CASA-21-210528	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-11	855.0	11/03/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-287	CASA-21-210529	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.74	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.7	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.13	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.795	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.6	10	0.769	mg/L	—	—	0.425	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.45	10	0.769	mg/L	—	—	0.425	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.774	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.726	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.584	70	—	ng/L	—	—	0.584	Y	U	U	N3B-2021-287	CASA-21-210526	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.596	70	—	ng/L	—	—	0.596	Y	U	U	N3B-2021-287	CASA-21-210529	GELC
R-11	855.0	11/03/2020	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-2021-287	CASA-21-210526	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.722	70	—	ng/L	—	—	0.722	Y	U	U	N3B-2021-287	CASA-21-210529	GELC
R-11	855.0	11/03/2020	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-2021-287	CASA-21-210526	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.722	70	—	ng/L	—	—	0.722	Y	U	U	N3B-2021-287	CASA-21-210529	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	233.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	97.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	96.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.35	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.43	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-287	CASA-21-210526	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-287	CASA-21-210529	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	3.51	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	5.66	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	209.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	189.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-287	CASA-21-210526	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-287	CASA-21-210529	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-287	CASA-21-210526	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-287	CASA-21-210529	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	Y	U	U	N3B-2021-287	CASA-21-210526	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	Y	U	U	N3B-2021-287	CASA-21-210529	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0563	—	0.0822*r	mg/L	—	—	0.02	Y	—	J	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.031	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.777	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.781	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.33	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	7.87	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	9.76	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	10.8	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.9	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	4.87	10	2.7*r	µg/L	—	—	2.0	Y	J	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.6	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	35.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	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-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.71	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.82	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	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-2021-35	CASA-21-208124	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.558	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	82.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.69	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-35	CASA-21-208124	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.56	1000	2.5	µg/L	—	—	0.2	Y	—	J+	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.78	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.754	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.45	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.0	—	16	mg/L	—	—	0.1	Y	—	J+	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	212.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	93.9	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.53	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-35	CASA-21-208124	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	5.4	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	194.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0509	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2021-35	CASA-21-208124	GELC
R-11	855.0	10/06/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.711	—	1.08	mg/L	—	—	0.33	Y	J	U	N3B-2021-35	CASA-21-208124	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0758	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.753	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.23	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	12.2	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.047	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	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-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	42.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	35.2	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	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-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.61	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.49	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	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-2020-1722	CASA-20-205975	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.422	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	86.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.95	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1722	CASA-20-205975	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.59	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.84	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.769	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.46	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	95.4	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1722	CASA-20-205975	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	207.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0619	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1722	CASA-20-205975	GELC
R-11	855.0	09/08/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1722	CASA-20-205975	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0614	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.768	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.47	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	11.5	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.34	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0293	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	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-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40.9	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	34.0	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0826	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	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-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.94	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.72	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	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-2020-1520	CASA-20-198983	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.415	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	81.2	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.33	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1520	CASA-20-198983	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.56	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	1.1	200	2.9	µg/L	—	—	0.6	Y	J	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.25	10	0.769	mg/L	—	—	0.85	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.669	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.57	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.0	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	250.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	97.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.4	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1520	CASA-20-198983	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.74	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	261.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1520	CASA-20-198983	GELC
R-11	855.0	08/05/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1520	CASA-20-198983	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.063	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.215	20000	2.06*r	pCi/L	0.899	3.028	—	Y	U	U	N3B-2020-1538	CASA-20-198983	ARSL
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.727	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.67	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10.5	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0202	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0508	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	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-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	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-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40.1	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	42.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	32.7	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	35.2	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-11	855.0	07/30/2020	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-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	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-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.9	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.9	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.56	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.67	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.82	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.01	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	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-2020-1453	CASA-20-205406	GELC
R-11	855.0	07/30/2020	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-2020-1453	CASA-20-205409	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.573	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.566	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	81.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	86.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.63	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.03	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1453	CASA-20-205406	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1453	CASA-20-205409	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.4	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.5	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.69	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.74	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.739	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.744	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.55	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.0	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	269.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	270.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	96.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	100.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1453	CASA-20-205406	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1453	CASA-20-205409	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.69	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	181.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	194.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0491	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1453	CASA-20-205406	GELC
R-11	855.0	07/30/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0528	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1453	CASA-20-205409	GELC
R-11	855.0	07/30/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1453	CASA-20-205406	GELC
R-11	855.0	07/30/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1453	CASA-20-205409	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0474	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0277	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.717	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.747	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.96	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	7.09	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	11.1	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1453	CASA-20-205407	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	10.3	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.57	—	—	mg/L	—	—	1.45	Y	J	J	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0787	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	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-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	43.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	32.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	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-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.7	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.61	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.37	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	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-2020-1198	CASA-20-198492	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.616	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	86.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.74	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1198	CASA-20-198492	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.43	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.76	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.731	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	92.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.4	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1198	CASA-20-198492	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	243.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1198	CASA-20-198492	GELC
R-11	855.0	06/23/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.377	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1198	CASA-20-198492	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0237	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.766	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.47	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	8.04	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.5	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0255	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.79	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.8	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	32.1	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	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-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.8	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.26	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	14.2	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	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-2020-1098	CASA-20-196224	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.493	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	81.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.47	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1098	CASA-20-196224	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.5	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.27	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.813	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.48	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	88.2	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.54	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1098	CASA-20-196224	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	193.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1098	CASA-20-196224	GELC
R-11	855.0	03/16/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1098	CASA-20-196224	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0856	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.765	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.33	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	11.5	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.23	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0593	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0222	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	3.32	10	2.7*r	µg/L	—	—	2.0	Y	J	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	3.73	10	2.7*r	µg/L	—	—	2.0	Y	J	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	44.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	42.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	35.4	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	33.2	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	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-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	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-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.8	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.09	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.29	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	14.2	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	13.1	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	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-2020-898	CASA-20-193859	GELC
R-11	855.0	02/13/2020	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-2020-898	CASA-20-194121	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.397	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.406	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	82.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	79.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	RE	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1166	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	RE	REG	Inorganic	SW-846:6020B	Iron	Fe	N	33.0	1000	53.8*r	µg/L	—	—	33.0	N	U	U	N3B-2020-1166	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	RE	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1166	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	RE	FD	Inorganic	SW-846:6020B	Iron	Fe	N	33.0	1000	53.8*r	µg/L	—	—	33.0	N	U	U	N3B-2020-1166	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	N	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	Y	220.0	1000	53.8*r	µg/L	—	—	30.0	N	—	R	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.89	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.41	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-898	CASA-20-193860	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-898	CASA-20-193859	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-898	CASA-20-194121	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.55	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.5	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.7	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.4	10	0.769	mg/L	—	—	0.85	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.821	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.796	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.48	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	202.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	91.9	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	89.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.35	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.4	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-898	CASA-20-193859	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-898	CASA-20-194121	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	4.7	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	179.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	171.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-898	CASA-20-193859	GELC
R-11	855.0	02/13/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-898	CASA-20-194121	GELC
R-11	855.0	02/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.348	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-898	CASA-20-193859	GELC
R-11	855.0	02/13/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-898	CASA-20-194121	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.122	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.155	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.717	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.709	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.44	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	7.17	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	12.5	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	12.1	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.22	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0444	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.03	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	43.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	39.4	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	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-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.03	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	14.6	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	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-2020-651	CASA-20-192830	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.452	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	83.6	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	186.0	1000	53.8*r	µg/L	—	—	30.0	Y	*	R	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.69	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.25	200	12.1*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-651	CASA-20-192771	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-651	CASA-20-192830	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.54	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.22	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.722	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.57	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	89.5	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.99	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-651	CASA-20-192830	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.57	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	204.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.033	—	0.165*r	mg/L	—	—	0.033	Y	J	J+	N3B-2020-651	CASA-20-192830	GELC
R-11	855.0	01/08/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-651	CASA-20-192830	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0361	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.919	20000	2.06*r	pCi/L	1.065	3.115	—	Y	U	U	N3B-2020-701	CASA-20-192830	ARSL
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.746	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.0	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	13.0	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-651	CASA-20-192771	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.29	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.1	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.139	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	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-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27.3	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.1	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	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-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.5	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.79	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.85	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	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-2021-396	CAMO-21-210531	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.227	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	49.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.73	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-396	CAMO-21-210531	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.37	1000	2.5	µg/L	—	—	0.2	Y	—	J+	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.823	200	2.9	µg/L	—	—	0.6	Y	J	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.7	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.404	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.599	70	—	ng/L	—	—	0.599	Y	U	U	N3B-2021-396	CAMO-21-210531	GELC
R-13	958.3	11/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.726	70	—	ng/L	—	—	0.726	Y	U	U	N3B-2021-396	CAMO-21-210531	GELC
R-13	958.3	11/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.726	70	—	ng/L	—	—	0.726	Y	U	U	N3B-2021-396	CAMO-21-210531	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.37	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.7	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	16	mg/L	—	—	0.1	Y	—	J+	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	149.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-396	CAMO-21-210531	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	3.01	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-396	CAMO-21-210531	GELC
R-13	958.3	11/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-396	CAMO-21-210531	GELC
R-13	958.3	11/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	Y	U	U	N3B-2021-396	CAMO-21-210531	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.083	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.453	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.77	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.57	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.42	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0827	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	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-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	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-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	N	2.76	250	2.7	mg/L	—	—	0.067	Y	—	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.24	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	Y	1.09	50	1*r	µg/L	—	—	1.0	Y	J	J	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	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-2020-1519	CAMO-20-198875	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.459	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	47.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.46	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1519	CAMO-20-198875	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.12	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.742	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	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-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.39	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.7	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.97	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.8	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1519	CAMO-20-198875	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.73	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	106.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0423	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1519	CAMO-20-198875	GELC
R-13	958.3	08/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.529	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1519	CAMO-20-198875	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0868	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.403	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.57	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.64	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.51	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.4	—	—	mg/L	—	—	1.45	Y	J	J	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0292	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.45	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	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-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	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-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.59	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.69	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	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-2020-716	CAMO-20-192615	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.276	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	48.2	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.62	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-716	CAMO-20-192615	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.08	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.759	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.422	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.33	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	111.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.5	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.36	600	4.59	mg/L	—	—	0.133	Y	—	J+	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-716	CAMO-20-192615	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0484	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-716	CAMO-20-192615	GELC
R-13	958.3	01/21/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-716	CAMO-20-192615	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0407	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.427	30	1.19	µg/L	—	—	0.067	Y	—	J+	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.03	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.54	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.78	—	—	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	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-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	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-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	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-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.81	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	12.3	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	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-2021-408	CAMO-21-210534	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.23	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	50.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.59	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-408	CAMO-21-210534	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.796	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.9	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	10.8	13.8	0.414	µg/L	—	—	0.5	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.614	70	—	ng/L	—	—	0.614	Y	U	U	N3B-2021-408	CAMO-21-210534	GELC
R-15	958.6	11/16/2020	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-2021-408	CAMO-21-210534	GELC
R-15	958.6	11/16/2020	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-2021-408	CAMO-21-210534	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.79	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.0	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.95	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	158.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	63.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.85	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-408	CAMO-21-210534	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	5.06	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	209.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0463	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2021-408	CAMO-21-210534	GELC
R-15	958.6	11/16/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-408	CAMO-21-210534	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-15	958.6	11/16/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	—	U	—	N3B-2021-408	CAMO-21-210534	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0846	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.406	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.57	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.34	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.58	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.31	—	—	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.5	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0309	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	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-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.1	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	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-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	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-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.27	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	13.4	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	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-2020-1519	CAMO-20-198877	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.365	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	51.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.9	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1519	CAMO-20-198877	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.06	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.672	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.96	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	11.2	13.8	0.414	µg/L	—	—	0.5	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.79	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	71.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.29	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1519	CAMO-20-198877	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1519	CAMO-20-198877	GELC
R-15	958.6	08/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.36	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1519	CAMO-20-198877	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.126	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.403	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.92	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.37	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.39	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.4	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.6	—	—	mg/L	—	—	1.45	Y	J	J	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0959	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0746	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.26	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.28	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	27.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	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-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	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-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	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-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	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-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.7	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.5	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.93	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.98	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	14.0	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	14.6	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	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-2020-757	CAMO-20-192617	GELC
R-15	958.6	01/23/2020	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-2020-757	CAMO-20-192619	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.262	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.27	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	51.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	50.6	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.31	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.13	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-757	CAMO-20-192617	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-757	CAMO-20-192619	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.03	1000	2.5	µg/L	—	—	0.2	Y	—	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.09	1000	2.5	µg/L	—	—	0.2	Y	—	J+	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.85	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.86	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	10.4	13.8	0.414	µg/L	—	—	0.5	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	10.2	13.8	0.414	µg/L	—	—	0.5	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.84	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.81	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.5	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.5	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.9	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	62.3	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	58.9	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.97	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.96	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-757	CAMO-20-192617	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-757	CAMO-20-192619	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.117	—	0.165*r	mg/L	—	—	0.033	Y	—	J+	N3B-2020-757	CAMO-20-192617	GELC
R-15	958.6	01/23/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.153	—	0.165*r	mg/L	—	—	0.033	Y	—	J+	N3B-2020-757	CAMO-20-192619	GELC
R-15	958.6	01/23/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-757	CAMO-20-192617	GELC
R-15	958.6	01/23/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-757	CAMO-20-192619	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.04	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0392	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.435	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.463	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.33	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	7.2	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.9	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0809	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.27	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.1	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	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-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.9	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.32	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.03	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	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-2021-423	CAMO-21-210536	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.266	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.75	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-423	CAMO-21-210536	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.25	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.67	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.552	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	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-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	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-2021-423	CAMO-21-210536	GELC
R-33 S1	995.5	11/18/2020	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-2021-423	CAMO-21-210536	GELC
R-33 S1	995.5	11/18/2020	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-2021-423	CAMO-21-210536	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.46	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-423	CAMO-21-210536	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	167.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-423	CAMO-21-210536	GELC
R-33 S1	995.5	11/18/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-423	CAMO-21-210536	GELC
R-33 S1	995.5	11/18/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	—	U	—	N3B-2021-423	CAMO-21-210536	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.085	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.796	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.44	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.55	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0481	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.73	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	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-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	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-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.43	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.45	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	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-2020-1573	CAMO-20-198879	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.405	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	43.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.7	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1573	CAMO-20-198879	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.3	1000	2.5	µg/L	—	—	0.2	Y	—	J+	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.68	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.531	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.575	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.43	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.5	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1573	CAMO-20-198879	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	5.02	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	110.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0961	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-1573	CAMO-20-198879	GELC
R-33 S1	995.5	08/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1573	CAMO-20-198879	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.027	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.827	30	1.19	µg/L	—	—	0.067	Y	—	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.43	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.65	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0915	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	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-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.6	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	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-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	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-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.32	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	9.04	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	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-2020-639	CAMO-20-192718	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	N	0.247	1.6	0.377	mg/L	—	—	0.033	Y	—	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.58	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-639	CAMO-20-192718	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.17	1000	2.5	µg/L	—	—	0.2	Y	—	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.85	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.53	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.469	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.74	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.0	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.3	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.35	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-639	CAMO-20-192718	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0479	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-639	CAMO-20-192718	GELC
R-33 S1	995.5	01/07/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-639	CAMO-20-192718	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0416	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-639	CAMO-20-192717	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.914	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.78	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.82	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0543	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0311	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.04	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.02	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.5	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	35.3	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	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-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	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-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	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-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	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-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.02	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.35	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.84	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.31	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	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-2021-423	CAMO-21-210538	GELC
R-33 S2	1112.4	11/18/2020	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-2021-423	CAMO-21-210540	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.257	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.269	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.05	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.08	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-423	CAMO-21-210538	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-423	CAMO-21-210540	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.03	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.04	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.346	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.348	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.344	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.358	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.588	70	—	ng/L	—	—	0.588	Y	U	U	N3B-2021-423	CAMO-21-210538	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.617	70	—	ng/L	—	—	0.617	Y	U	U	N3B-2021-423	CAMO-21-210540	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.712	70	—	ng/L	—	—	0.712	Y	U	U	N3B-2021-423	CAMO-21-210538	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.748	70	—	ng/L	—	—	0.748	Y	U	U	N3B-2021-423	CAMO-21-210540	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.712	70	—	ng/L	—	—	0.712	Y	U	U	N3B-2021-423	CAMO-21-210538	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.748	70	—	ng/L	—	—	0.748	Y	U	U	N3B-2021-423	CAMO-21-210540	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.24	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.33	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.5	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	82.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	141.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.25	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.26	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-423	CAMO-21-210538	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-423	CAMO-21-210540	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	3.94	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	163.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	127.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-423	CAMO-21-210538	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-423	CAMO-21-210540	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.419	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-423	CAMO-21-210538	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-423	CAMO-21-210540	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	—	U	—	N3B-2021-423	CAMO-21-210538	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	—	U	—	N3B-2021-423	CAMO-21-210540	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0899	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0858	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.844	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.854	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.36	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.36	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.71	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0868	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.41	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.6	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	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-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	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-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.17	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.8	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	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-2020-1573	CAMO-20-198881	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.412	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.05	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.26	200	12.1*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1573	CAMO-20-198881	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.081	2	0.067*r	µg/L	—	—	0.067	Y	J	J	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.11	1000	2.5	µg/L	—	—	0.2	Y	—	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.324	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.391	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.22	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.25	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1573	CAMO-20-198881	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1573	CAMO-20-198882	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.114	—	0.165*r	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1573	CAMO-20-198881	GELC
R-33 S2	1112.4	08/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1573	CAMO-20-198881	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0289	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.922	30	1.19	µg/L	—	—	0.067	Y	—	J+	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.43	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.02	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.9	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0539	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	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-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	34.8	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	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-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	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-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.01	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	8.81	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	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-2020-639	CAMO-20-192721	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.234	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.89	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-639	CAMO-20-192721	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.979	1000	2.5	µg/L	—	—	0.2	Y	J	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.332	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.364	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.56	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	110.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.9	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-639	CAMO-20-192721	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.047	—	0.165*r	mg/L	—	—	0.033	Y	J	J+	N3B-2020-639	CAMO-20-192721	GELC
R-33 S2	1112.4	01/07/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-639	CAMO-20-192721	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.26	—	0.0822*r	mg/L	—	—	0.02	Y	—	J+	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.999	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.54	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	111.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0274	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.36	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	355.0	2000	38.1	µg/L	—	—	1.0	Y	E	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	43.0	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	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-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.56	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.95	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	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-2021-542	CASA-21-210985	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.322	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	83.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.58	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-542	CASA-21-210985	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.23	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	11.8	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.425	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.409	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.85	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	250.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	176.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.5	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-542	CASA-21-210985	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	3.89	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	241.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-542	CASA-21-210985	GELC
R-35a	1013.1	12/07/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.407	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-542	CASA-21-210985	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	0.0822*r	mg/L	—	—	0.02	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.595	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	18.4	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0913	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.51	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	355.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	38.9	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	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-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.25	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.8	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	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-2021-375	CASA-21-210542	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.344	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	79.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.69	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-375	CASA-21-210542	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.18	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	10.6	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.414	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.416	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.581	70	—	ng/L	—	—	0.581	Y	U	U	N3B-2021-375	CASA-21-210542	GELC
R-35a	1013.1	11/10/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.704	70	—	ng/L	—	—	0.704	Y	U	U	N3B-2021-375	CASA-21-210542	GELC
R-35a	1013.1	11/10/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.704	70	—	ng/L	—	—	0.704	Y	U	U	N3B-2021-375	CASA-21-210542	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.74	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	253.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	170.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.62	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-375	CASA-21-210542	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-375	CASA-21-210541	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	14.7	12000	13*r	µg/L	—	—	2.5	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	189.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-375	CASA-21-210542	GELC
R-35a	1013.1	11/10/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-375	CASA-21-210542	GELC
R-35a	1013.1	11/10/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	—	U	—	N3B-2021-375	CASA-21-210542	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0661	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.553	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.8	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.017	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.79	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	351.0	2000	38.1	µg/L	—	—	1.0	Y	E	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	48.2	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	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-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.5	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.23	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.89	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	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-2021-41	CASA-21-208121	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.414	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	83.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.55	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-41	CASA-21-208121	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.49	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	12.7	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.426	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.368	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.91	—	2.39	mg/L	—	—	0.05	Y	E	J+	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.5	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	179.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.41	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-41	CASA-21-208121	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	8.05	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	243.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.165	—	0.165*r	mg/L	—	—	0.033	Y	—	U	N3B-2021-41	CASA-21-208121	GELC
R-35a	1013.1	10/07/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.369	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-41	CASA-21-208121	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0869	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.621	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	17.5	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.62	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0273	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0539	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.47	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.36	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	360.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	365.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1732	CASA-20-205984	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	45.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	46.1	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	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-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	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-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.5	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.8	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.71	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.31	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.29	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.5	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	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-2020-1732	CASA-20-205983	GELC
R-35a	1013.1	09/09/2020	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-2020-1732	CASA-20-205994	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.353	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.355	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	83.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	84.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.6	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.67	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.17	2	0.067*r	µg/L	—	—	0.067	Y	J	U	N3B-2020-1732	CASA-20-205983	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.17	2	0.067*r	µg/L	—	—	0.067	Y	J	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.175	2	0.067*r	µg/L	—	—	0.067	Y	J	U	N3B-2020-1732	CASA-20-205994	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.182	2	0.067*r	µg/L	—	—	0.067	Y	J	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.11	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	7.67	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	8.36	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.435	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.441	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.43	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.428	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.87	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	3.9	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	83.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	85.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	17.5	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	238.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	180.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	182.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.74	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.65	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1732	CASA-20-205983	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1732	CASA-20-205994	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	3.0	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	203.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	186.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0384	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1732	CASA-20-205983	GELC
R-35a	1013.1	09/09/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1732	CASA-20-205994	GELC
R-35a	1013.1	09/09/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1732	CASA-20-205983	GELC
R-35a	1013.1	09/09/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1732	CASA-20-205994	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0641	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.065	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-1732	CASA-20-205995	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.581	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.599	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	18.2	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	18.7	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.48	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	5.45	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0669	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0841	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.31	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.33	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	355.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	365.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	52.5	750	18.7*r	µg/L	—	—	15.0	Y	—	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	47.4	750	18.7*r	µg/L	—	—	15.0	Y	J	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	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-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	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-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.69	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.68	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.95	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.67	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	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-2020-1560	CASA-20-198986	GELC
R-35a	1013.1	08/12/2020	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-2020-1560	CASA-20-198988	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.516	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.504	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	79.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	82.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.81	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.04	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1560	CASA-20-198986	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1560	CASA-20-198988	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.17	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	13.2	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	13.2	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.413	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.419	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.397	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.394	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.76	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	3.89	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	17.5	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	240.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	247.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	168.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	173.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.78	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.73	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1560	CASA-20-198986	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1560	CASA-20-198988	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	203.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	181.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0934	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-1560	CASA-20-198986	GELC
R-35a	1013.1	08/12/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0808	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-1560	CASA-20-198988	GELC
R-35a	1013.1	08/12/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1560	CASA-20-198986	GELC
R-35a	1013.1	08/12/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1560	CASA-20-198988	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	0.0822*r	mg/L	—	—	0.02	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0261	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.286	20000	2.06*r	pCi/L	1.005	3.411	—	Y	U	U	N3B-2020-1564	CASA-20-198986	ARSL
R-35a	1013.1	08/12/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.769	20000	2.06*r	pCi/L	0.959	3.266	—	Y	U	U	N3B-2020-1564	CASA-20-198988	ARSL
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.559	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.555	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.9	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	16.8	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10.2	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	9.99	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0335	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.51	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	377.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	44.1	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	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-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.67	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.7	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	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-2020-1392	CASA-20-205400	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.513	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	83.6	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.17	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1392	CASA-20-205400	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.1	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	14.9	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.418	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.379	13.8	0.414	µg/L	—	—	0.05	Y	—	J	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.01	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	82.7	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	239.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	175.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.79	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1392	CASA-20-205400	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	254.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0383	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1392	CASA-20-205400	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35a	1013.1	07/24/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.373	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1392	CASA-20-205400	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	0.0822*r	mg/L	—	—	0.02	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.615	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	17.0	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	6.65	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.102	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	5.63	10	2.7*r	µg/L	—	—	2.0	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	408.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	43.8	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	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-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.58	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.63	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	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-2020-1239	CAMO-20-205231	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.544	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	92.7	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	30.6	1000	53.8*r	µg/L	—	—	30.0	Y	J	J	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.74	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1239	CAMO-20-205231	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.11	1000	2.5	µg/L	—	—	0.2	Y	—	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	13.3	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.444	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.54	13.8	0.414	µg/L	—	—	0.5	Y	J	J	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.37	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	91.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	19.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	232.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	193.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.68	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1239	CAMO-20-205231	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	50.0	12000	13*r	µg/L	—	—	50.0	Y	U	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	206.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0573	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-1239	CAMO-20-205231	GELC
R-35a	1013.1	06/29/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1239	CAMO-20-205231	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.612	—	0.0822*r	mg/L	—	—	0.02	Y	—	J+	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.56	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	19.2	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.24	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	113.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0611	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.19	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.04	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	341.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	339.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	44.0	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	43.4	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.29	—	0.067*r	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	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-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	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-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.56	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.74	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.05	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.95	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	Y	1.09	50	1*r	µg/L	—	—	1.0	Y	J	J	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	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-2020-1116	CASA-20-196227	GELC
R-35a	1013.1	03/17/2020	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-2020-1116	CASA-20-196262	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.762	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.407	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	81.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	78.6	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.29	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.72	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1116	CASA-20-196227	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1116	CASA-20-196262	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.14	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.21	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	14.8	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	15.2	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.406	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.401	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.466	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.482	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.82	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	3.95	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.7	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	17.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	174.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	172.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.56	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.72	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1116	CASA-20-196227	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1116	CASA-20-196262	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	207.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	200.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1116	CASA-20-196227	GELC
R-35a	1013.1	03/17/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1116	CASA-20-196262	GELC
R-35a	1013.1	03/17/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1116	CASA-20-196227	GELC
R-35a	1013.1	03/17/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1116	CASA-20-196262	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0736	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0685	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.629	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.644	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	16.6	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	16.3	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.75	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	6.81	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0217	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.36	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	336.0	2000	38.1	µg/L	—	—	1.0	Y	E	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	33.1	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	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-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.6	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.95	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	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-2020-918	CASA-20-193861	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.303	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	76.2	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.71	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-918	CASA-20-193861	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.13	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	15.5	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.403	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.405	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.72	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	219.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	163.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.56	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-918	CASA-20-193861	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	224.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0615	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-918	CASA-20-193861	GELC
R-35a	1013.1	02/18/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-918	CASA-20-193861	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.129	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.599	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	16.0	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.15	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	111.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0478	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.08	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	344.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	33.7	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	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-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.7	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.6	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.46	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	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-2020-698	CASA-20-192775	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.354	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	77.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.58	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-698	CASA-20-192774	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-698	CASA-20-192775	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.15	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	18.1	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.422	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.449	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.03	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.5	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	199.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	165.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.63	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-698	CASA-20-192775	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-698	CASA-20-192775	GELC
R-35a	1013.1	01/15/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-698	CASA-20-192775	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0219	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.077	20000	2.06*r	pCi/L	0.918	2.996	—	Y	U	U	N3B-2020-701	CASA-20-192775	ARSL
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.612	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.6	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0419	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.27	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.8	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.0	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	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-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.9	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.96	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.34	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	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-2021-551	CASA-21-210988	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.504	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	58.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.57	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-551	CASA-21-210988	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.42	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.95	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.09	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.555	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.74	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.0	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	63.2	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.5	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-551	CASA-21-210988	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	171.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-551	CASA-21-210988	GELC
R-35b	825.4	12/08/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.382	—	1.08	mg/L	—	—	0.33	Y	J	U	N3B-2021-551	CASA-21-210988	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	0.0822*r	mg/L	—	—	0.02	Y	U	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.316	30	1.19	µg/L	—	—	0.067	Y	—	U	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	11.5	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.29	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-551	CASA-21-210989	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.076	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.16	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	34.5	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.6	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	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-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.2	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.81	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.28	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	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-2021-375	CASA-21-210545	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.517	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	59.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.61	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-375	CASA-21-210545	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.35	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.97	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.06	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.553	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.555	70	—	ng/L	—	—	0.555	Y	U	U	N3B-2021-375	CASA-21-210545	GELC
R-35b	825.4	11/10/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.673	70	—	ng/L	—	—	0.673	Y	U	U	N3B-2021-375	CASA-21-210545	GELC
R-35b	825.4	11/10/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.673	70	—	ng/L	—	—	0.673	Y	U	U	N3B-2021-375	CASA-21-210545	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.72	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	66.3	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-375	CASA-21-210545	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	11.8	12000	13*r	µg/L	—	—	2.5	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	184.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.105	—	0.165*r	mg/L	—	—	0.033	Y	—	J+	N3B-2021-375	CASA-21-210545	GELC
R-35b	825.4	11/10/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-375	CASA-21-210545	GELC
R-35b	825.4	11/10/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	—	U	—	N3B-2021-375	CASA-21-210545	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0677	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.254	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.2	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.91	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.5	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.027	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0227	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	5.51	10	2.7*r	µg/L	—	—	2.0	Y	—	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	5.72	10	2.7*r	µg/L	—	—	2.0	Y	—	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	36.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	27.9	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	27.1	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-35	CASA-21-208212	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35b	825.4	10/06/2020	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-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	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-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.85	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.87	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.85	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.85	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	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-2021-35	CASA-21-208144	GELC
R-35b	825.4	10/06/2020	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-2021-35	CASA-21-208211	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.662	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.663	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	62.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	61.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.35	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.24	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-35	CASA-21-208144	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-35	CASA-21-208211	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.32	1000	2.5	µg/L	—	—	0.2	Y	—	J+	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.34	1000	2.5	µg/L	—	—	0.2	Y	—	J+	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.67	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.66	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.11	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.13	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.536	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.537	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.96	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.88	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	16	mg/L	—	—	0.1	Y	—	J+	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	16	mg/L	—	—	0.1	Y	—	J+	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	158.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	159.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	73.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	71.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.54	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.54	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-35	CASA-21-208144	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-35	CASA-21-208211	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	3.29	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	3.15	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0876	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2021-35	CASA-21-208144	GELC
R-35b	825.4	10/06/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0796	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2021-35	CASA-21-208211	GELC
R-35b	825.4	10/06/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.416	—	1.08	mg/L	—	—	0.33	Y	J	U	N3B-2021-35	CASA-21-208144	GELC
R-35b	825.4	10/06/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.4	—	1.08	mg/L	—	—	0.33	Y	J	U	N3B-2021-35	CASA-21-208211	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0872	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.111	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.281	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.283	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.6	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	13.3	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	14.2	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-35	CASA-21-208145	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	12.7	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.12	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.9	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	29.1	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	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-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.11	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.9	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	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-2020-1722	CASA-20-205991	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.517	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	62.7	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.32	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1722	CASA-20-205991	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.32	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.26	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.561	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.89	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.5	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	71.3	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.57	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1722	CASA-20-205991	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	4.23	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	163.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.172	—	0.165*r	mg/L	—	—	0.033	Y	—	U	N3B-2020-1722	CASA-20-205991	GELC
R-35b	825.4	09/08/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1722	CASA-20-205991	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0542	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.296	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.4	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	9.89	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0916	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.89	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	30.2	750	18.7*r	µg/L	—	—	15.0	Y	J	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	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-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.7	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.96	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.65	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	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-2020-1560	CASA-20-198990	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.697	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	62.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.94	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1560	CASA-20-198990	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.24	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.3	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.522	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.92	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	69.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.61	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1560	CASA-20-198990	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.107	—	0.165*r	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1560	CASA-20-198990	GELC
R-35b	825.4	08/12/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1560	CASA-20-198990	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	0.0822*r	mg/L	—	—	0.02	Y	U	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.144	20000	2.06*r	pCi/L	0.9	3.052	—	Y	U	U	N3B-2020-1564	CASA-20-198990	ARSL
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.269	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.6	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	13.1	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.51	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0713	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.45	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.9	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	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-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.2	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.96	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.37	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	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-2020-1453	CASA-20-205403	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.689	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	65.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.6	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1453	CASA-20-205403	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.24	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.9	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.09	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.553	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.12	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	202.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	78.8	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.6	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1453	CASA-20-205403	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	167.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.052	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1453	CASA-20-205403	GELC
R-35b	825.4	07/30/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1453	CASA-20-205403	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0623	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.278	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.6	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	17.2	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1238	CAMO-20-205235	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.123	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0821	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	3.82	10	2.7*r	µg/L	—	—	2.0	Y	J	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	5.46	10	2.7*r	µg/L	—	—	2.0	Y	—	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	43.5	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	42.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.1	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	29.0	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	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-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	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-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.5	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	N	2.9	250	2.7	mg/L	—	—	0.067	Y	—	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	N	2.85	250	2.7	mg/L	—	—	0.067	Y	—	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.43	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.7	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	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-2020-1238	CAMO-20-205234	GELC
R-35b	825.4	06/26/2020	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-2020-1238	CAMO-20-205237	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.749	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.733	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	71.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	71.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.59	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.55	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-205234	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-205237	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.43	1000	2.5	µg/L	—	—	0.2	Y	—	J+	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.41	1000	2.5	µg/L	—	—	0.2	Y	—	J+	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.23	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.13	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.13	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.13	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.522	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.52	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.2	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.23	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	84.7	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	83.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	77.5	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	77.4	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.57	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35b	825.4	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1238	CAMO-20-205234	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1238	CAMO-20-205237	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	197.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	170.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0387	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-1238	CAMO-20-205234	GELC
R-35b	825.4	06/26/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0503	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-1238	CAMO-20-205237	GELC
R-35b	825.4	06/26/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.579	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1238	CAMO-20-205234	GELC
R-35b	825.4	06/26/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1238	CAMO-20-205237	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.585	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.725	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.312	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.319	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	14.6	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	14.4	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	17.0	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	14.5	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0372	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.22	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	24.7	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	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-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.7	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.91	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.08	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	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-2020-1098	CASA-20-196230	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.507	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	59.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.9	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1098	CASA-20-196230	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.33	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.17	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.12	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.6	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.86	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	66.2	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.56	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1098	CASA-20-196230	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	194.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1098	CASA-20-196230	GELC
R-35b	825.4	03/16/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1098	CASA-20-196230	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0793	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.256	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.5	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	9.39	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-898	CASA-20-193946	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0537	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	4.05	10	2.7*r	µg/L	—	—	2.0	Y	J	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.8	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	27.2	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	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-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.9	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.65	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.33	50	1*r	µg/L	—	—	1.0	Y	J	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	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-2020-898	CASA-20-193945	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.485	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	59.6	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.13	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-898	CASA-20-193945	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.33	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.37	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.11	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.538	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.88	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	67.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.55	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-898	CASA-20-193945	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	117.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-898	CASA-20-193945	GELC
R-35b	825.4	02/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-898	CASA-20-193945	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.128	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.28	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.6	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10.5	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0515	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.34	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.3	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	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-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.83	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	7.74	50	7.48	µg/L	—	—	3.0	Y	J	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	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-2020-757	CASA-20-192778	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.552	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	62.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.39	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-757	CASA-20-192778	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.32	1000	2.5	µg/L	—	—	0.2	Y	—	J+	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.84	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.552	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.06	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.5	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	67.5	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.44	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-757	CASA-20-192778	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.56	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.166	—	0.165*r	mg/L	—	—	0.033	Y	—	U	N3B-2020-757	CASA-20-192778	GELC
R-35b	825.4	01/23/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-757	CASA-20-192778	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0383	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.44	20000	2.06*r	pCi/L	0.877	2.937	—	Y	U	U	N3B-2020-792	CASA-20-192778	ARSL
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.342	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.3	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.34	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-757	CASA-20-192777	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.56	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.9	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.32	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.5	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.0	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0963	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	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-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.98	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.74	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	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-2021-375	CASA-21-210548	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.538	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	57.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.84	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-375	CASA-21-210548	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.88	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.21	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.31	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.6	70	—	ng/L	—	—	0.6	Y	U	U	N3B-2021-375	CASA-21-210548	GELC
R-36	766.9	11/10/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.728	70	—	ng/L	—	—	0.728	Y	U	U	N3B-2021-375	CASA-21-210548	GELC
R-36	766.9	11/10/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.728	70	—	ng/L	—	—	0.728	Y	U	U	N3B-2021-375	CASA-21-210548	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.82	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.9	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	200.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	63.2	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.55	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-375	CASA-21-210548	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	8.97	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	163.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-375	CASA-21-210548	GELC
R-36	766.9	11/10/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-375	CASA-21-210548	GELC
R-36	766.9	11/10/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	—	U	—	N3B-2021-375	CASA-21-210548	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0589	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.235	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	14.9	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	25.3	10000	14.4*r	µg/L	—	—	3.3	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.68	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.1	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.186	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.51	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.5	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	30.1	750	18.7*r	µg/L	—	—	15.0	Y	J	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	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-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.5	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.37	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.52	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	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-2020-1560	CASA-20-205947	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.696	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	60.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.18	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1560	CASA-20-205947	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.77	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.901	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.51	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.34	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.98	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	200.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	66.8	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.66	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1560	CASA-20-205947	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	181.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.139	—	0.165*r	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1560	CASA-20-205947	GELC
R-36	766.9	08/12/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1560	CASA-20-205947	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0286	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	8.613	20000	2.06*r	pCi/L	1.666	3.099	—	Y	—	NQ	N3B-2020-1564	CASA-20-205947	ARSL
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.263	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.4	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	32.0	10000	14.4*r	µg/L	—	—	3.3	Y	—	J+	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0785	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0497	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.16	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.63	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	30.7	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.0	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	24.1	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	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-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	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-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.8	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.2	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.2	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.04	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.95	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	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-2020-686	CASA-20-192781	GELC
R-36	766.9	01/14/2020	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-2020-686	CASA-20-192786	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.5	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.49	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	56.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	57.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.21	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.27	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.101	2	0.067*r	µg/L	—	—	0.067	Y	J	J	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.078	2	0.067*r	µg/L	—	—	0.067	Y	J	J	N3B-2020-686	CASA-20-192781	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.085	2	0.067*r	µg/L	—	—	0.067	Y	J	J	N3B-2020-686	CASA-20-192786	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.76	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.76	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.955	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.94	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.86	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.86	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.43	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.41	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.85	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.89	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.9	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	14.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	151.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.3	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	62.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.37	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.42	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-686	CASA-20-192781	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-686	CASA-20-192786	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	159.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-686	CASA-20-192781	GELC
R-36	766.9	01/14/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-686	CASA-20-192786	GELC
R-36	766.9	01/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-686	CASA-20-192781	GELC
R-36	766.9	01/14/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-686	CASA-20-192786	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0444	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0381	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.294	30	1.19	µg/L	—	—	0.067	Y	—	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	N	0.284	30	1.19	µg/L	—	—	0.067	Y	—	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	16.1	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	16.2	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	23.1	10000	14.4*r	µg/L	—	—	3.3	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	24.0	10000	14.4*r	µg/L	—	—	3.3	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	SU	—	—	0.01	Y	H	J	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	43.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-437	CASA-21-210549	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0184	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.65	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.8	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.9	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	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-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.98	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	202.0	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	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-2021-437	CASA-21-210550	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.332	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	62.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.03	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-437	CASA-21-210550	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.29	1000	2.5	µg/L	—	—	0.2	Y	—	J+	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.11	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.31	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.753	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.591	70	—	ng/L	—	—	0.591	Y	U	U	N3B-2021-437	CASA-21-210550	GELC
R-43 S1	903.9	11/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.716	70	—	ng/L	—	—	0.716	Y	U	U	N3B-2021-437	CASA-21-210550	GELC
R-43 S1	903.9	11/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.716	70	—	ng/L	—	—	0.716	Y	U	U	N3B-2021-437	CASA-21-210550	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.35	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.73	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	70.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.7	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-437	CASA-21-210550	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-437	CASA-21-210550	GELC
R-43 S1	903.9	11/19/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.436	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-437	CASA-21-210550	GELC
R-43 S1	903.9	11/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	Y	U	U	N3B-2021-437	CASA-21-210550	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0756	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.1	30	1.19	µg/L	—	—	0.067	Y	J	J	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.06	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	8.57	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.054	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	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-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.1	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	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-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.77	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	194.0	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	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-2020-1520	CASA-20-198995	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.347	1.6	0.377	mg/L	—	—	0.033	Y	—	J+	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	65.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.31	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1520	CASA-20-198995	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.17	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	2.25	200	2.9	µg/L	—	—	0.6	Y	—	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.67	10	0.769	mg/L	—	—	0.85	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.767	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.83	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.5	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	209.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	80.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	17.6	600	4.59	mg/L	—	—	0.133	Y	—	J+	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1520	CASA-20-198995	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	180.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0349	—	0.165*r	mg/L	—	—	0.033	Y	J	J+	N3B-2020-1520	CASA-20-198995	GELC
R-43 S1	903.9	08/05/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.446	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1520	CASA-20-198995	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0527	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.109	30	1.19	µg/L	—	—	0.067	Y	J	J	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.75	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.64	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.113	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.79	10	2.7*r	µg/L	—	—	2.0	Y	J	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.7	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.9	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	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-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.5	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.58	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	215.0	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	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-2020-665	CASA-20-192783	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.313	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	69.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.9	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-665	CASA-20-192783	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.3	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.88	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.91	10	0.769	mg/L	—	—	0.17	Y	—	J+	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.849	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	158.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	79.3	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	17.8	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-665	CASA-20-192783	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0856	—	0.165*r	mg/L	—	—	0.033	Y	J	J+	N3B-2020-665	CASA-20-192783	GELC
R-43 S1	903.9	01/09/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.729	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-665	CASA-20-192783	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0295	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.112	30	1.19	µg/L	—	—	0.067	Y	J	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.5	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.86	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	11.9	—	—	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.52	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	37.6	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	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-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.2	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.12	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	49.1	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	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-2021-287	CASA-21-210553	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.445	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	62.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.7	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.67	2	0.067*r	µg/L	—	—	0.67	Y	U	U	N3B-2021-287	CASA-21-210553	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.54	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.977	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.92	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.941	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	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-2021-287	CASA-21-210553	GELC
R-43 S2	969.1	11/03/2020	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-2021-287	CASA-21-210553	GELC
R-43 S2	969.1	11/03/2020	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-2021-287	CASA-21-210553	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.35	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.8	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	99.2	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.5	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-287	CASA-21-210553	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	6.86	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	171.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-287	CASA-21-210553	GELC
R-43 S2	969.1	11/03/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.331	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-287	CASA-21-210553	GELC
R-43 S2	969.1	11/03/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	Y	U	U	N3B-2021-287	CASA-21-210553	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	0.0822*r	mg/L	—	—	0.02	Y	U	UJ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.313	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.78	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.88	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	11.0	—	—	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.1	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0589	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.01	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.9	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	35.7	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	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-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.5	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.55	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	40.3	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.3	50	1*r	µg/L	—	—	1.0	Y	J	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	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-2020-1536	CASA-20-198997	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.471	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	61.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.4	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1536	CASA-20-198997	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.34	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.89	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.926	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.41	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.7	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	106.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	11.0	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1536	CASA-20-198997	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	190.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1536	CASA-20-198997	GELC
R-43 S2	969.1	08/07/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.413	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1536	CASA-20-198997	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0662	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.289	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.39	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.57	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.9	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	11.6	—	—	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0187	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.12	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.3	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	33.3	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	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-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.99	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	35.2	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	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-2020-665	CASA-20-192788	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.271	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	61.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	Y	2.85	15	0.5*r	µg/L	—	—	0.5	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.49	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-665	CASA-20-192788	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.26	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.14	10	0.769	mg/L	—	—	0.17	Y	—	J+	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.933	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.33	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.8	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	99.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-665	CASA-20-192788	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-665	CASA-20-192788	GELC
R-43 S2	969.1	01/09/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.471	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-665	CASA-20-192788	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0286	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.289	30	1.19	µg/L	—	—	0.067	Y	—	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.68	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-606	CAMO-21-210995	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0758	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	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-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	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-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.16	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	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-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.8	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.4	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.09	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	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-2021-606	CAMO-21-210994	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.275	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	90.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.9	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-606	CAMO-21-210994	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.626	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	33.3	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.55	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.327	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.7	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.7	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	261.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	109.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.0	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-606	CAMO-21-210994	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	186.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-606	CAMO-21-210994	GELC
R-44 S1	895.0	12/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.45	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-606	CAMO-21-210994	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0267	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.839	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.42	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.07	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	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-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.7	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	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-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.144	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	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-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.8	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.0	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	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-2021-417	CAMO-21-210555	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.202	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	88.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.57	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-417	CAMO-21-210555	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.443	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	31.7	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.23	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.332	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.608	70	—	ng/L	—	—	0.608	Y	U	U	N3B-2021-417	CAMO-21-210555	GELC
R-44 S1	895.0	11/17/2020	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-2021-417	CAMO-21-210555	GELC
R-44 S1	895.0	11/17/2020	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-2021-417	CAMO-21-210555	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.47	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	269.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	106.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.0	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-417	CAMO-21-210555	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	10.6	12000	13*r	µg/L	—	—	2.5	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	231.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-417	CAMO-21-210555	GELC
R-44 S1	895.0	11/17/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-417	CAMO-21-210555	GELC
R-44 S1	895.0	11/17/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	Y	U	U	N3B-2021-417	CAMO-21-210555	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0912	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.899	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.57	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.1	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0637	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.12	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	42.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.3	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.145	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	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-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.7	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.8	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	4.57	50	7.48	µg/L	—	—	3.0	Y	J	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	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-2021-49	CAMO-21-208154	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	N	0.033	1.6	0.377	mg/L	—	—	0.033	Y	U	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	93.6	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	43.7	1000	53.8*r	µg/L	—	—	30.0	Y	J	J	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.74	—	4.18	mg/L	—	—	0.11	Y	N	J-	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-49	CAMO-21-208154	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.891	1000	2.5	µg/L	—	—	0.2	Y	J	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	41.2	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.53	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	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-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.59	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.7	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.4	—	16	mg/L	—	—	0.1	Y	N	J-	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	243.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	116.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.9	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-49	CAMO-21-208154	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	3.88	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	219.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.111	—	0.165*r	mg/L	—	—	0.033	Y	—	U	N3B-2021-49	CAMO-21-208154	GELC
R-44 S1	895.0	10/08/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.431	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-49	CAMO-21-208154	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.11	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.876	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.22	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.62	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1740	CAMO-20-205999	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.5	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.39	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.8	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.9	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.158	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	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-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.8	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.0	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.47	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	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-2020-1740	CAMO-20-205998	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.249	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	90.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.96	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.091	2	0.067*r	µg/L	—	—	0.067	Y	J	J	N3B-2020-1740	CAMO-20-205998	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.119	2	0.067*r	µg/L	—	—	0.067	Y	J	J	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.602	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	32.0	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.49	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	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-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.52	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	263.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	107.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.6	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1740	CAMO-20-205998	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	190.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0661	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1740	CAMO-20-205998	GELC
R-44 S1	895.0	09/10/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1740	CAMO-20-205998	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0835	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.801	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.63	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.78	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	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-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.1	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.0	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.122	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	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-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.8	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.4	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.47	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	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-2020-1554	CAMO-20-198883	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.319	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	82.6	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.2	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1554	CAMO-20-198883	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.572	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1554	CAMO-20-198884	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	37.1	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	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-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	257.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	101.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.9	600	4.59	mg/L	—	—	0.133	Y	—	J+	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1554	CAMO-20-198883	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	5.91	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	191.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0613	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1554	CAMO-20-198883	GELC
R-44 S1	895.0	08/11/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1554	CAMO-20-198883	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	0.0822*r	mg/L	—	—	0.02	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	45.051	20000	2.06*r	pCi/L	6.913	2.973	—	Y	—	NQ	N3B-2020-1564	CAMO-20-206165	ARSL
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.825	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.22	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.78	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0325	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	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-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.8	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.2	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.128	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	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-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	25.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.0	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.26	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	Y	1.31	50	1*r	µg/L	—	—	1.0	Y	J	J	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	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-2020-1439	CAMO-20-205412	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.176	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	94.7	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.84	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1439	CAMO-20-205412	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.574	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	42.6	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.42	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.05	13.8	0.414	µg/L	—	—	0.05	Y	U	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.63	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.5	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.5	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	250.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	120.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.2	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1439	CAMO-20-205412	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	4.9	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	191.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0816	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1439	CAMO-20-205412	GELC
R-44 S1	895.0	07/29/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1439	CAMO-20-205412	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.029	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.802	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.16	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	11.8	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0894	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.3	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	19.1	750	18.7*r	µg/L	—	—	15.0	Y	J	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.151	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	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-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.7	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.5	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.6	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	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-2020-1219	CAMO-20-205254	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.384	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	93.6	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	60.2	1000	53.8*r	µg/L	—	—	30.0	Y	J	J	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.74	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1219	CAMO-20-205254	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.575	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	49.9	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.56	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.314	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.67	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	117.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.4	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1219	CAMO-20-205254	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	217.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0655	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-1219	CAMO-20-205254	GELC
R-44 S1	895.0	06/25/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.79	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1219	CAMO-20-205254	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.705	—	0.0822*r	mg/L	—	—	0.02	Y	—	J+	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.788	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.83	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	11.1	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0267	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0388	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	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-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	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-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.8	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	39.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.9	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	21.9	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.152	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	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-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	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-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	26.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.5	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.6	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	7.38	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1076	CAMO-20-196234	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	7.09	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	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-2020-1076	CAMO-20-196233	GELC
R-44 S1	895.0	03/12/2020	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-2020-1076	CAMO-20-196265	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.274	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.262	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	94.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	94.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	34.1	1000	53.8*r	µg/L	—	—	30.0	Y	J	J	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	Y	37.6	1000	53.8*r	µg/L	—	—	30.0	Y	J	J	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.17	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.18	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1076	CAMO-20-196233	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1076	CAMO-20-196265	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.813	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.527	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	77.1	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	79.5	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.23	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.37	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.315	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.298	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.63	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	Y	2.18	50	1.5*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.7	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	13.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	205.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	209.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	110.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	110.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.2	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.3	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1076	CAMO-20-196233	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1076	CAMO-20-196265	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.95	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	Y	3.86	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	206.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	200.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1076	CAMO-20-196233	GELC
R-44 S1	895.0	03/12/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1076	CAMO-20-196265	GELC
R-44 S1	895.0	03/12/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1076	CAMO-20-196233	GELC
R-44 S1	895.0	03/12/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1076	CAMO-20-196265	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0946	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0893	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.87	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.854	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.55	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	3.45	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0626	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-928	CAMO-20-193943	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.42	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.8	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	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-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.15	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	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-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	25.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.3	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.13	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.31	50	1*r	µg/L	—	—	1.0	Y	J	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	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-2020-928	CAMO-20-193942	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.157	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	92.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	46.1	1000	53.8*r	µg/L	—	—	30.0	Y	J	J	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.33	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.27	200	12.1*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-928	CAMO-20-193942	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.613	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	109.0	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.33	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.316	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.9	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	230.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	112.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.5	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-928	CAMO-20-193942	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	197.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0683	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-928	CAMO-20-193942	GELC
R-44 S1	895.0	02/20/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.379	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-928	CAMO-20-193942	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0913	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.75	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.62	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.82	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0758	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.87	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	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-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.152	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	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-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.2	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.36	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	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-2020-714	CAMO-20-192723	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.301	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	90.6	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	43.7	1000	53.8*r	µg/L	—	—	30.0	Y	J	J	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.49	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-714	CAMO-20-192723	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.677	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	80.5	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.39	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.312	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	109.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.6	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-714	CAMO-20-192723	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0866	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-714	CAMO-20-192723	GELC
R-44 S1	895.0	01/21/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-714	CAMO-20-192723	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0402	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	31.157	20000	2.06*r	pCi/L	4.863	3.03	—	Y	—	NQ	N3B-2020-738	CAMO-20-192723	ARSL
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.849	30	1.19	µg/L	—	—	0.067	Y	—	J+	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.28	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.9	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.121	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	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-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	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-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	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-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.47	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.2	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	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-2021-606	CAMO-21-210997	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.497	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.82	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-606	CAMO-21-210997	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.885	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.695	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.331	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.4	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.9	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.42	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-606	CAMO-21-210997	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0754	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2021-606	CAMO-21-210997	GELC
R-44 S2	985.3	12/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.409	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-606	CAMO-21-210997	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0302	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.488	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.78	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.1	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	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-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.5	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	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-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	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-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.8	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.18	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.45	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	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-2021-417	CAMO-21-210558	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.369	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	47.7	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.82	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-417	CAMO-21-210558	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.643	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.632	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	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-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.595	70	—	ng/L	—	—	0.595	Y	U	U	N3B-2021-417	CAMO-21-210558	GELC
R-44 S2	985.3	11/17/2020	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-2021-417	CAMO-21-210558	GELC
R-44 S2	985.3	11/17/2020	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-2021-417	CAMO-21-210558	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.19	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.71	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	144.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.8	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.41	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-417	CAMO-21-210558	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	7.94	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	174.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-417	CAMO-21-210558	GELC
R-44 S2	985.3	11/17/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-417	CAMO-21-210558	GELC
R-44 S2	985.3	11/17/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	Y	U	U	N3B-2021-417	CAMO-21-210558	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.093	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.5	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.02	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0311	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.17	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.1	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.7	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	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-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.29	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	6.55	50	7.48	µg/L	—	—	3.0	Y	J	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	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-2021-49	CAMO-21-208161	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.564	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	47.7	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.25	—	4.18	mg/L	—	—	0.11	Y	N	J-	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-49	CAMO-21-208161	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.04	1000	2.5	µg/L	—	—	0.2	Y	—	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.716	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.335	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.0	—	16	mg/L	—	—	0.1	Y	N	J-	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.9	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-49	CAMO-21-208161	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	3.28	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0484	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2021-49	CAMO-21-208161	GELC
R-44 S2	985.3	10/08/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.367	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-49	CAMO-21-208161	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.087	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.481	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.28	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.9	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	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-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.7	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	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-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.7	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.34	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.42	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	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-2020-1740	CAMO-20-206001	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.386	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	48.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.98	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.111	2	0.067*r	µg/L	—	—	0.067	Y	J	J	N3B-2020-1740	CAMO-20-206001	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.194	2	0.067*r	µg/L	—	—	0.067	Y	J	J	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.795	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.72	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.333	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.25	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.94	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.4	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1740	CAMO-20-206001	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1740	CAMO-20-206001	GELC
R-44 S2	985.3	09/10/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1740	CAMO-20-206001	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0798	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.453	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.06	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.44	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0772	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.07	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1555	CAMO-20-198886	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.7	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	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-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.21	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.54	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	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-2020-1555	CAMO-20-198885	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.357	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.42	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1555	CAMO-20-198885	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.751	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.685	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.329	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.34	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.09	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.5	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.55	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1555	CAMO-20-198885	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.133	—	0.165*r	mg/L	—	—	0.033	Y	—	U	N3B-2020-1555	CAMO-20-198885	GELC
R-44 S2	985.3	08/11/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1555	CAMO-20-198885	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0301	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.612	20000	2.06*r	pCi/L	0.955	3.249	—	Y	U	U	N3B-2020-1564	CAMO-20-198885	ARSL
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.445	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.69	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	9.39	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.5	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.042	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	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-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.7	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	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-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.2	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.23	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.63	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	Y	1.2	50	1*r	µg/L	—	—	1.0	Y	J	J	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	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-2020-1439	CAMO-20-205415	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.324	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	47.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.22	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1439	CAMO-20-205415	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.761	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.73	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.321	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.32	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	58.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.6	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1439	CAMO-20-205415	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	131.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0415	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1439	CAMO-20-205415	GELC
R-44 S2	985.3	07/29/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1439	CAMO-20-205415	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0447	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.437	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.58	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	16.3	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.158	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.069	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	4.66	10	2.7*r	µg/L	—	—	2.0	Y	J	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	4.83	10	2.7*r	µg/L	—	—	2.0	Y	J	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	24.5	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.9	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	17.1	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	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-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	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-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	N	2.24	250	2.7	mg/L	—	—	0.067	Y	—	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	N	2.24	250	2.7	mg/L	—	—	0.067	Y	—	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	7.22	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.92	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	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-2020-1238	CAMO-20-198508	GELC
R-44 S2	985.3	06/26/2020	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-2020-1238	CAMO-20-198511	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.573	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.581	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	54.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	54.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	39.8	1000	53.8*r	µg/L	—	—	30.0	Y	J	J	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.42	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.51	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-198508	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-198511	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.811	1000	2.5	µg/L	—	—	0.2	Y	J	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.828	1000	2.5	µg/L	—	—	0.2	Y	J	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.758	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.753	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.319	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.316	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.47	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.8	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.6	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.57	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1238	CAMO-20-198508	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1238	CAMO-20-198511	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	179.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0617	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-1238	CAMO-20-198508	GELC
R-44 S2	985.3	06/26/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1238	CAMO-20-198511	GELC
R-44 S2	985.3	06/26/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1238	CAMO-20-198508	GELC
R-44 S2	985.3	06/26/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.339	—	1.08	mg/L	—	—	0.33	Y	J	U	N3B-2020-1238	CAMO-20-198511	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.657	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.686	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.486	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.453	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.4	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.5	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	13.1	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	12.9	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0482	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	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-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.8	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.8	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	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-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.9	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.22	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	8.04	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	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-2020-1076	CAMO-20-196236	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.43	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	48.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.94	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1076	CAMO-20-196236	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.766	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.67	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	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-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.9	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	103.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.5	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.5	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1076	CAMO-20-196236	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	166.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0449	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-1076	CAMO-20-196236	GELC
R-44 S2	985.3	03/12/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1076	CAMO-20-196236	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0827	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.491	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.64	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.0	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.13	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.2	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	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-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.2	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.52	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	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-2020-928	CAMO-20-193953	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.305	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	47.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.12	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-928	CAMO-20-193953	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.817	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.65	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.338	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.24	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.82	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.48	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-928	CAMO-20-193953	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0545	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-928	CAMO-20-193953	GELC
R-44 S2	985.3	02/20/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-928	CAMO-20-193953	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.101	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.451	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.33	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0739	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.14	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.3	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	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-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	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-2020-714	CAMO-20-192727	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.8	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.13	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	7.39	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	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-2020-714	CAMO-20-192728	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.422	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.15	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-714	CAMO-20-192728	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.836	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.66	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.338	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.25	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	107.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.8	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.4	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-714	CAMO-20-192728	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.71	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	171.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.089	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-714	CAMO-20-192728	GELC
R-44 S2	985.3	01/21/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-714	CAMO-20-192728	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0433	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.632	20000	2.06*r	pCi/L	0.919	3.058	—	Y	U	U	N3B-2020-738	CAMO-20-192728	ARSL
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.477	30	1.19	µg/L	—	—	0.067	Y	—	J+	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.09	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.0	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.9	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.14	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.8	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	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-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.2	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.7	250	2.7	mg/L	—	—	0.134	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	13.2	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	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	UJ	N3B-2021-634	CAMO-21-211000	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.366	1.6	0.377	mg/L	—	—	0.033	Y	—	J-	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	87.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.61	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-634	CAMO-21-211000	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.677	1000	2.5	µg/L	—	—	0.2	Y	J	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.32	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.06	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.457	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.48	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	261.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	103.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.2	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-634	CAMO-21-211000	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	207.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-634	CAMO-21-211000	GELC
R-45 S1	880.0	12/16/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-634	CAMO-21-211000	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.104	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.828	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.27	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.02	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	SU	—	—	0.01	Y	H	J	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.1	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0266	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.53	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.7	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.1	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	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-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	13.8	250	2.7	mg/L	—	—	0.134	Y	—	J+	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	15.0	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	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-2021-437	CAMO-21-210561	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.26	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	84.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.37	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-437	CAMO-21-210561	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.821	1000	2.5	µg/L	—	—	0.2	Y	J	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.18	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.87	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.423	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.577	70	—	ng/L	—	—	0.577	Y	U	U	N3B-2021-437	CAMO-21-210561	GELC
R-45 S1	880.0	11/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.7	70	—	ng/L	—	—	0.7	Y	U	U	N3B-2021-437	CAMO-21-210561	GELC
R-45 S1	880.0	11/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.7	70	—	ng/L	—	—	0.7	Y	U	U	N3B-2021-437	CAMO-21-210561	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.36	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	101.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	14.8	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-437	CAMO-21-210561	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	213.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-437	CAMO-21-210561	GELC
R-45 S1	880.0	11/19/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-437	CAMO-21-210561	GELC
R-45 S1	880.0	11/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	Y	U	U	N3B-2021-437	CAMO-21-210561	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0869	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.866	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.15	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.58	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.22	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	34.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.8	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-63	CAMO-21-208167	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	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-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	12.5	250	2.7	mg/L	—	—	0.134	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	16.4	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	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-2021-63	CAMO-21-208166	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.417	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	80.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.14	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-63	CAMO-21-208166	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.837	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.22	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.52	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.387	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	209.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	97.9	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.7	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-63	CAMO-21-208166	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.27	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0985	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2021-63	CAMO-21-208166	GELC
R-45 S1	880.0	10/09/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.471	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-63	CAMO-21-208166	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0932	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.846	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.89	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	17.4	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0424	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.42	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	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-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.148	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	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-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.7	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.6	250	2.7	mg/L	—	—	0.134	Y	—	J+	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	15.2	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	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-2020-1766	CAMO-20-206004	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.329	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	89.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.68	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1766	CAMO-20-206004	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.96	2	0.067*r	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.64	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.65	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.79	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.399	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.9	—	81.9	mg/L	—	—	0.053	Y	—	J+	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	230.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	113.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.5	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1766	CAMO-20-206004	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.57	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1766	CAMO-20-206004	GELC
R-45 S1	880.0	09/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.526	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1766	CAMO-20-206004	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0955	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.813	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.82	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.34	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0517	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0434	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	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-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.18	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.6	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	35.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.7	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	20.1	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.125	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.122	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	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-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	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-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.4	250	2.7	mg/L	—	—	0.134	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.4	250	2.7	mg/L	—	—	0.134	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	15.5	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	14.7	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	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-2020-1555	CAMO-20-198888	GELC
R-45 S1	880.0	08/11/2020	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-2020-1555	CAMO-20-198890	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.241	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.25	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	79.7	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	79.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.95	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.93	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1555	CAMO-20-198888	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1555	CAMO-20-198890	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.677	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.621	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.84	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.65	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.72	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.7	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.39	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.362	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.53	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.54	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.0	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.0	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	247.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	246.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.5	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.1	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.1	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1555	CAMO-20-198888	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1555	CAMO-20-198890	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	4.81	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	5.09	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	201.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.148	—	0.165*r	mg/L	—	—	0.033	Y	—	U	N3B-2020-1555	CAMO-20-198888	GELC
R-45 S1	880.0	08/11/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0973	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1555	CAMO-20-198890	GELC
R-45 S1	880.0	08/11/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1555	CAMO-20-198888	GELC
R-45 S1	880.0	08/11/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1555	CAMO-20-198890	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0223	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	0.0822*r	mg/L	—	—	0.02	Y	U	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	33.856	20000	2.06*r	pCi/L	5.273	3.234	—	Y	—	NQ	N3B-2020-1564	CAMO-20-198888	ARSL
R-45 S1	880.0	08/11/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	33.446	20000	2.06*r	pCi/L	5.211	3.213	—	Y	—	NQ	N3B-2020-1564	CAMO-20-198890	ARSL
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.799	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.785	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.19	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.13	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.85	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	6.68	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.022	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.055	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	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-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	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-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.9	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	39.6	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.9	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	21.4	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0958	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0967	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	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-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	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-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.3	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.1	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	14.3	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	14.4	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	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-2020-1418	CAMO-20-205419	GELC
R-45 S1	880.0	07/28/2020	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-2020-1418	CAMO-20-205425	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.225	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.225	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	87.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	90.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.1	—	4.18	mg/L	—	—	0.11	Y	E	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.35	—	4.18	mg/L	—	—	0.11	Y	E	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1418	CAMO-20-205419	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1418	CAMO-20-205425	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.652	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.65	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.7	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.83	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.71	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.79	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.05	13.8	0.414	µg/L	—	—	0.05	Y	U	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.05	13.8	0.414	µg/L	—	—	0.05	Y	U	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.41	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.52	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	242.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	253.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	113.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	116.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.5	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.5	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1418	CAMO-20-205419	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1418	CAMO-20-205425	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	5.72	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	6.68	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	216.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	207.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0897	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1418	CAMO-20-205419	GELC
R-45 S1	880.0	07/28/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0982	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1418	CAMO-20-205425	GELC
R-45 S1	880.0	07/28/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.399	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1418	CAMO-20-205419	GELC
R-45 S1	880.0	07/28/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.42	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1418	CAMO-20-205425	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0379	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0435	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.797	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.782	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.72	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.65	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.43	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	15.1	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0888	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.07	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.1	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	32.9	750	18.7*r	µg/L	—	—	15.0	Y	J	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.132	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	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-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.4	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	13.7	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	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-2020-1213	CAMO-20-205241	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.451	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	90.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.43	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1213	CAMO-20-205241	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.663	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.46	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.94	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.357	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.7	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	255.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	116.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	17.2	600	4.59	mg/L	—	—	0.133	Y	—	J+	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1213	CAMO-20-205241	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	201.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0584	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1213	CAMO-20-205241	GELC
R-45 S1	880.0	06/24/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.828	—	1.08	mg/L	—	—	0.33	Y	J	U	N3B-2020-1213	CAMO-20-205241	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.747	—	0.0822*r	mg/L	—	—	0.02	Y	—	J+	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.814	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.02	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.6	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.1	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0179	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.5	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.5	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	24.4	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	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-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	10.2	250	2.7	mg/L	—	—	0.134	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	25.7	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.19	1000	3*r	µg/L	—	—	3.0	Y	J	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	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-2020-1086	CAMO-20-196239	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.278	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	76.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.14	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1086	CAMO-20-196239	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.778	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.55	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.52	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.505	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.28	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.5	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	164.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	94.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	11.5	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1086	CAMO-20-196239	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.89	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	221.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1086	CAMO-20-196239	GELC
R-45 S1	880.0	03/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1086	CAMO-20-196239	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0976	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.837	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.91	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0244	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.87	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.6	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	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-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	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-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	9.74	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	23.8	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	3.15	1000	3*r	µg/L	—	—	3.0	Y	J	J	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	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-2020-981	CAMO-20-193956	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.288	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	72.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.57	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-981	CAMO-20-193956	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.774	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.2	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.45	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.538	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.24	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	86.4	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.4	600	4.59	mg/L	—	—	0.133	Y	—	J+	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-981	CAMO-20-193956	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	5.45	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	166.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0711	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-981	CAMO-20-193956	GELC
R-45 S1	880.0	02/28/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.417	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-981	CAMO-20-193956	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.166	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.738	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.15	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.77	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.36	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27.5	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	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-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	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-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.15	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	38.7	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-45 S1	880.0	01/22/2020	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-2020-733	CAMO-20-192731	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.28	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	63.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.82	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-733	CAMO-20-192731	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.801	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.992	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.45	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.541	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.51	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	74.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.84	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-733	CAMO-20-192731	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	194.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0915	—	0.165*r	mg/L	—	—	0.033	Y	J	J+	N3B-2020-733	CAMO-20-192731	GELC
R-45 S1	880.0	01/22/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.392	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-733	CAMO-20-192731	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0419	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	6.9	20000	2.06*r	pCi/L	1.484	3.204	—	Y	—	NQ	N3B-2020-738	CAMO-20-192731	ARSL
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.705	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.57	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	493.0	5000	68*r	µg/L	—	—	68.0	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.081	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.78	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.9	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.6	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	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-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.5	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.18	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	55.0	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	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	UJ	N3B-2021-634	CAMO-21-211004	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.612	1.6	0.377	mg/L	—	—	0.033	Y	—	J-	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	68.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.34	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-634	CAMO-21-211004	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.958	1000	2.5	µg/L	—	—	0.2	Y	J	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.88	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.27	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.448	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.38	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	73.8	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.57	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-634	CAMO-21-211004	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-634	CAMO-21-211005	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-634	CAMO-21-211004	GELC
R-45 S2	974.9	12/16/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.451	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-634	CAMO-21-211004	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0963	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.685	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.45	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.51	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	SU	—	—	0.01	Y	H	J	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	UJ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.79	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.8	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	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-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.2	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.06	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	49.9	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	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-2021-437	CAMO-21-210564	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.339	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	67.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.33	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-437	CAMO-21-210564	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.03	1000	2.5	µg/L	—	—	0.2	Y	—	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.28	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.32	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.461	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.571	70	—	ng/L	—	—	0.571	Y	U	U	N3B-2021-437	CAMO-21-210564	GELC
R-45 S2	974.9	11/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.692	70	—	ng/L	—	—	0.692	Y	U	U	N3B-2021-437	CAMO-21-210564	GELC
R-45 S2	974.9	11/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.692	70	—	ng/L	—	—	0.692	Y	U	U	N3B-2021-437	CAMO-21-210564	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.24	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	73.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.59	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-437	CAMO-21-210564	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	174.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0343	—	0.165*r	mg/L	—	—	0.033	Y	J	J+	N3B-2021-437	CAMO-21-210564	GELC
R-45 S2	974.9	11/19/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-437	CAMO-21-210564	GELC
R-45 S2	974.9	11/19/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	Y	U	U	N3B-2021-437	CAMO-21-210564	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0825	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.712	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.62	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.41	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0197	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.21	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.7	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.4	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	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-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.91	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	47.6	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	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-2021-63	CAMO-21-208191	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.507	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	70.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.59	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-63	CAMO-21-208191	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.03	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.92	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.15	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.436	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.36	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	172.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	78.9	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.11	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-63	CAMO-21-208191	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	180.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-63	CAMO-21-208191	GELC
R-45 S2	974.9	10/09/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.494	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-63	CAMO-21-208191	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0871	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.727	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.39	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.93	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.1	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0354	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0723	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.3	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.32	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	33.7	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	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-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	21.7	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	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-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	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-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.95	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.01	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	42.6	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	45.8	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	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-2020-1766	CAMO-20-206007	GELC
R-45 S2	974.9	09/14/2020	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-2020-1766	CAMO-20-206010	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.404	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.421	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	70.2	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	69.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.89	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.84	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1766	CAMO-20-206007	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1766	CAMO-20-206010	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.926	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.92	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.9	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.1	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.16	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.464	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.447	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.41	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.36	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.7	—	81.9	mg/L	—	—	0.053	Y	—	J+	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.0	—	81.9	mg/L	—	—	0.053	Y	—	J+	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	79.3	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	77.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.31	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.36	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1766	CAMO-20-206007	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1766	CAMO-20-206010	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0445	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-1766	CAMO-20-206007	GELC
R-45 S2	974.9	09/14/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1766	CAMO-20-206010	GELC
R-45 S2	974.9	09/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.589	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1766	CAMO-20-206007	GELC
R-45 S2	974.9	09/14/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.58	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1766	CAMO-20-206010	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0995	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0763	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.657	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.681	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.57	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.74	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.45	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.76	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0853	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.37	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.3	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.9	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	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-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.69	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	43.6	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	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-2020-1555	CAMO-20-198943	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.327	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	58.2	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.69	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1555	CAMO-20-198943	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.915	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.22	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.09	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.422	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.43	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	186.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	66.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.77	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1555	CAMO-20-198943	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	3.43	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.111	—	0.165*r	mg/L	—	—	0.033	Y	—	U	N3B-2020-1555	CAMO-20-198943	GELC
R-45 S2	974.9	08/11/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.345	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1555	CAMO-20-198943	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0246	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.0	20000	2.06*r	pCi/L	1.186	3.237	—	Y	—	NQ	N3B-2020-1564	CAMO-20-198943	ARSL
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.654	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.78	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.51	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0404	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	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-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.5	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.7	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	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-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.7	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	42.2	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	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-2020-1418	CAMO-20-205427	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.356	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	69.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.82	—	4.18	mg/L	—	—	0.11	Y	E	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1418	CAMO-20-205427	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.893	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.27	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.12	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.376	13.8	0.414	µg/L	—	—	0.05	Y	—	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.43	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	82.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.03	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1418	CAMO-20-205427	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	4.45	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	176.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-45 S2	974.9	07/28/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0689	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1418	CAMO-20-205427	GELC
R-45 S2	974.9	07/28/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.476	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1418	CAMO-20-205427	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0467	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.635	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.41	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	13.6	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.127	—	0.1*r	mg/L	—	—	0.017	Y	—	J+	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.76	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.7	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	30.1	750	18.7*r	µg/L	—	—	15.0	Y	J	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	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-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.5	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.67	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	42.1	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	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-2020-1213	CAMO-20-205244	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.62	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	66.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.52	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1213	CAMO-20-205244	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.952	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.42	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.14	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.426	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.46	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.0	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	78.8	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.79	600	4.59	mg/L	—	—	0.133	Y	—	J+	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1213	CAMO-20-205244	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	193.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0568	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1213	CAMO-20-205244	GELC
R-45 S2	974.9	06/24/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.703	—	1.08	mg/L	—	—	0.33	Y	J	U	N3B-2020-1213	CAMO-20-205244	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.784	—	0.0822*r	mg/L	—	—	0.02	Y	—	J+	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.656	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.92	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.41	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0275	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.14	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	29.4	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	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-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.5	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.37	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	47.6	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	5.62	1000	3*r	µg/L	—	—	3.0	Y	J	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	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-2020-1086	CAMO-20-196242	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.46	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	66.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.6	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1086	CAMO-20-196242	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.02	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.22	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.04	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.467	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.35	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	76.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.52	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1086	CAMO-20-196242	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.75	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	190.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1086	CAMO-20-196242	GELC
R-45 S2	974.9	03/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.436	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1086	CAMO-20-196242	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0878	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.733	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.8	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0271	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.06	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.6	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	24.9	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	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-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.64	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	38.1	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	3.09	1000	3*r	µg/L	—	—	3.0	Y	J	J	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	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-2020-981	CAMO-20-193959	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.404	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	64.7	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.17	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-981	CAMO-20-193959	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.949	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.28	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.04	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.49	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	164.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	70.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.9	600	4.59	mg/L	—	—	0.133	Y	—	J+	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-981	CAMO-20-193959	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0744	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-981	CAMO-20-193959	GELC
R-45 S2	974.9	02/28/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.586	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-981	CAMO-20-193959	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.144	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.653	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.37	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.56	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.49	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0498	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.49	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28.8	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.9	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	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-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.45	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	42.1	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	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-2020-733	CAMO-20-192734	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.339	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	61.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.74	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-733	CAMO-20-192734	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.898	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.88	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.96	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.464	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.51	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	165.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	65.3	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.47	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-733	CAMO-20-192734	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	176.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0521	—	0.165*r	mg/L	—	—	0.033	Y	J	J+	N3B-2020-733	CAMO-20-192734	GELC
R-45 S2	974.9	01/22/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.566	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-733	CAMO-20-192734	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.036	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	7.693	20000	2.06*r	pCi/L	1.553	3.085	—	Y	—	NQ	N3B-2020-738	CAMO-20-192734	ARSL
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.655	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.86	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0596	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.47	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	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-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.138	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	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-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.8	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.7	250	2.7	mg/L	—	—	0.134	Y	—	J-	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	23.2	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	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-2021-659	CAMO-21-211007	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.25	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	84.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-659	CAMO-21-211008	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.69	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-659	CAMO-21-211007	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.535	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.55	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.8	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.375	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.56	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.0	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	261.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.2	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.1	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-659	CAMO-21-211007	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	177.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0549	—	0.165*r	mg/L	—	—	0.033	Y	J	J-	N3B-2021-659	CAMO-21-211007	GELC
R-50 S1	1077.0	12/17/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.531	—	1.08	mg/L	—	—	0.33	Y	J	U	N3B-2021-659	CAMO-21-211007	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0766	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.691	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.78	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.11	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0475	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.07	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.6	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	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-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.142	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	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-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.3	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	29.7	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	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-2021-396	CAMO-21-210567	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.164	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	90.2	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.61	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-396	CAMO-21-210567	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.623	1000	2.5	µg/L	—	—	0.2	Y	J	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.7	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.28	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	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-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.596	70	—	ng/L	—	—	0.596	Y	U	U	N3B-2021-396	CAMO-21-210567	GELC
R-50 S1	1077.0	11/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.723	70	—	ng/L	—	—	0.723	Y	U	U	N3B-2021-396	CAMO-21-210567	GELC
R-50 S1	1077.0	11/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.723	70	—	ng/L	—	—	0.723	Y	U	U	N3B-2021-396	CAMO-21-210567	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.56	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.1	—	16	mg/L	—	—	0.1	Y	—	J+	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	261.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	105.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.1	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-396	CAMO-21-210567	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	6.32	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	194.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-396	CAMO-21-210567	GELC
R-50 S1	1077.0	11/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-396	CAMO-21-210567	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-50 S1	1077.0	11/13/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	Y	U	U	N3B-2021-396	CAMO-21-210567	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0654	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.692	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.29	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10.8	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.82	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0375	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	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-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	36.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.7	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.12	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.13	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	25.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	25.7	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.4	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.3	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	30.4	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	45.1	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208194	GELC
R-50 S1	1077.0	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-2021-77	CAMO-21-208819	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.374	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.384	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	94.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	94.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.44	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.44	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-77	CAMO-21-208194	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-77	CAMO-21-208819	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.577	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.844	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.96	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.53	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.55	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.57	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.358	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.354	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.51	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.7	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	13.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	237.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	110.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	107.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.4	600	4.59	mg/L	—	—	0.665	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.2	600	4.59	mg/L	—	—	0.665	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-77	CAMO-21-208194	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-77	CAMO-21-208819	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.2	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	Y	3.33	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	189.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	213.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-77	CAMO-21-208194	GELC
R-50 S1	1077.0	10/13/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0869	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2021-77	CAMO-21-208819	GELC
R-50 S1	1077.0	10/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.485	—	1.08	mg/L	—	—	0.33	Y	J	U	N3B-2021-77	CAMO-21-208194	GELC
R-50 S1	1077.0	10/13/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.475	—	1.08	mg/L	—	—	0.33	Y	J	U	N3B-2021-77	CAMO-21-208819	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0789	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0881	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.719	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.721	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.24	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.75	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10.1	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	16.0	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.221	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	5.05	10	2.7*r	µg/L	—	—	2.0	Y	—	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	34.5	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.0	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.159	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	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-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.0	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	33.1	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	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-2020-1846	CAMO-20-206013	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.307	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	86.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.37	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1846	CAMO-20-206013	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.589	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.81	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	10	0.769	mg/L	—	—	0.17	Y	—	J+	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.336	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	255.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	104.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.3	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1846	CAMO-20-206013	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	184.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	UJ	N3B-2020-1846	CAMO-20-206013	GELC
R-50 S1	1077.0	09/21/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.67	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1846	CAMO-20-206013	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0233	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.719	30	1.19	µg/L	—	—	0.067	Y	—	J+	N3B-2020-1846	CAMO-20-206014	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.46	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.61	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0499	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	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-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	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-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.136	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	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-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.1	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	38.8	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	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-2020-1543	CAMO-20-198945	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.228	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	83.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.51	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1543	CAMO-20-198945	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.607	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.22	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.28	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.371	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.0	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	248.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	95.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	17.4	600	4.59	mg/L	—	—	0.665	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1543	CAMO-20-198945	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	10.3	12000	13*r	µg/L	—	—	2.5	Y	—	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	194.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0622	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1543	CAMO-20-198945	GELC
R-50 S1	1077.0	08/10/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.335	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1543	CAMO-20-198945	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.116	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	38.534	20000	2.06*r	pCi/L	5.954	3.052	—	Y	—	NQ	N3B-2020-1547	CAMO-20-198945	ARSL
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.692	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.06	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	9.9	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.1	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	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-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.3	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.9	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.14	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	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-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.7	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.5	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	40.2	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	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-2020-1407	CAMO-20-205430	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.338	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	87.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.83	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1407	CAMO-20-205430	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.897	1000	2.5	µg/L	—	—	0.2	Y	J	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	7.61	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.4	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	259.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	97.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.3	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1407	CAMO-20-205430	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	241.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0479	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1407	CAMO-20-205430	GELC
R-50 S1	1077.0	07/27/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.54	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1407	CAMO-20-205430	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0401	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.729	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.96	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10.9	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.82	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0668	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	Y	1.09	6	1*r	µg/L	—	—	1.0	Y	J	J	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	4.44	10	2.7*r	µg/L	—	—	2.0	Y	J	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.9	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	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-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.153	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	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-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26.9	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.1	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	30.3	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	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-2020-1238	CAMO-20-198520	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	N	0.36	1.6	0.377	mg/L	—	—	0.033	Y	—	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	98.6	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.67	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-198520	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.604	1000	2.5	µg/L	—	—	0.2	Y	J	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	14.6	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.56	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	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-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	251.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	110.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.3	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1238	CAMO-20-198520	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0924	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-1238	CAMO-20-198520	GELC
R-50 S1	1077.0	06/26/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.471	—	1.08	mg/L	—	—	0.33	Y	J	U	N3B-2020-1238	CAMO-20-198520	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.616	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.727	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.44	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	16.4	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1238	CAMO-20-198521	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0574	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.57	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.6	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	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-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.153	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	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-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.8	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.8	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	26.4	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	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-2020-1028	CAMO-20-196245	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.24	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	87.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.81	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1028	CAMO-20-196245	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.541	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	7.86	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.52	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.375	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.67	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.0	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	218.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.5	600	4.59	mg/L	—	—	0.665	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1028	CAMO-20-196245	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.078	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1028	CAMO-20-196245	GELC
R-50 S1	1077.0	03/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:9060A	Total Organic Carbon	TOC	Y	0.377	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1028	CAMO-20-196245	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.165	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.73	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.85	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	8.83	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	1.61	—	0.1*r	mg/L	—	—	0.017	Y	—	J+	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	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-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.1	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.147	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	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-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	20.0	250	2.7	mg/L	—	—	0.268	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	30.2	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	Y	1.32	50	1*r	µg/L	—	—	1.0	Y	J	J	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	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-2020-895	CAMO-20-193962	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.234	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	87.7	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.97	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-895	CAMO-20-193962	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-895	CAMO-20-193963	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.735	1000	2.5	µg/L	—	—	0.2	Y	J	U	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	8.0	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.64	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.405	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	103.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.0	600	4.59	mg/L	—	—	0.532	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-895	CAMO-20-193962	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	174.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-895	CAMO-20-193962	GELC
R-50 S1	1077.0	02/12/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.495	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-895	CAMO-20-193962	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.122	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.821	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.14	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	8.3	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.036	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.51	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.3	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	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-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.149	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	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-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.2	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.4	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	26.3	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	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-2020-686	CAMO-20-192737	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.214	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	82.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.58	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.069	2	0.067*r	µg/L	—	—	0.067	Y	J	J	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.108	2	0.067*r	µg/L	—	—	0.067	Y	J	J	N3B-2020-686	CAMO-20-192737	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.589	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.75	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.44	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.401	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	151.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	94.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.0	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-686	CAMO-20-192737	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-686	CAMO-20-192737	GELC
R-50 S1	1077.0	01/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.391	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-686	CAMO-20-192737	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0287	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	31.75	20000	2.06*r	pCi/L	4.931	2.813	—	Y	—	J-	N3B-2020-701	CAMO-20-192737	ARSL
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.691	30	1.19	µg/L	—	—	0.067	Y	—	J+	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.07	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	10.3	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-686	CAMO-20-192736	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-659	CAMO-21-211029	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.9	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.019	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0447	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.62	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.77	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.6	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	23.5	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	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-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	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-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	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-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	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-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.5	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.3	250	2.7	mg/L	—	—	0.067	Y	—	J-	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.08	250	2.7	mg/L	—	—	0.067	Y	—	J-	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.17	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.25	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	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-2021-659	CAMO-21-211010	GELC
R-50 S2	1185.0	12/17/2020	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-2021-659	CAMO-21-211028	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.365	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.389	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.2	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	Y	34.4	1000	53.8*r	µg/L	—	—	30.0	Y	J	J	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.68	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.73	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-659	CAMO-21-211010	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-659	CAMO-21-211028	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.14	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.975	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.18	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.12	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.546	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.548	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.329	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.325	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.34	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.37	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.85	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.4	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.3	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.42	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.39	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-659	CAMO-21-211010	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-659	CAMO-21-211028	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	117.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.149	—	0.165*r	mg/L	—	—	0.033	Y	—	J-	N3B-2021-659	CAMO-21-211010	GELC
R-50 S2	1185.0	12/17/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	UJ	N3B-2021-659	CAMO-21-211028	GELC
R-50 S2	1185.0	12/17/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.384	—	1.08	mg/L	—	—	0.33	Y	J	U	N3B-2021-659	CAMO-21-211010	GELC
R-50 S2	1185.0	12/17/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.359	—	1.08	mg/L	—	—	0.33	Y	J	U	N3B-2021-659	CAMO-21-211028	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.104	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.125	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.475	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.49	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.98	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.95	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	4.21	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	LCMS/MS	SW-846:8330B_MOD	1,3,5-Naphthalene trisulfonic acid	6654-64-2	N	0.002	—	—	mg/L	—	—	0.002	Y	U	U	N3B-2021-444	CAMO-21-210571	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	LCMS/MS	SW-846:8330B_MOD	1,3,6-Naphthalene trisulfonic acid	5182-30-9	N	0.002	—	—	mg/L	—	—	0.002	Y	U	U	N3B-2021-444	CAMO-21-210571	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	LCMS/MS	SW-846:8330B_MOD	1,5-Naphthalenedisulfonic acid	1655-29-4	N	0.002	—	—	mg/L	—	—	0.002	Y	U	U	N3B-2021-444	CAMO-21-210571	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	LCMS/MS	SW-846:8330B_MOD	1,6-Naphthalene disulfonic acid	1655-43-2	N	0.002	—	—	mg/L	—	—	0.002	Y	U	U	N3B-2021-444	CAMO-21-210571	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	LCMS/MS	SW-846:8330B_MOD	1-Naphthalene sulfonic acid	130-14-3	N	0.002	—	—	mg/L	—	—	0.002	Y	U	U	N3B-2021-444	CAMO-21-210571	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	LCMS/MS	SW-846:8330B_MOD	2,6-Naphthalene disulfonic acid	1655-45-4	N	0.002	—	—	mg/L	—	—	0.002	Y	U	U	N3B-2021-444	CAMO-21-210571	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	LCMS/MS	SW-846:8330B_MOD	2,7-Naphthalene disulfonic acid	1655-35-2	N	0.002	—	—	mg/L	—	—	0.002	Y	U	U	N3B-2021-444	CAMO-21-210571	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	LCMS/MS	SW-846:8330B_MOD	2-Naphthalene sulfonic acid	532-02-5	N	0.002	—	—	mg/L	—	—	0.002	Y	U	U	N3B-2021-444	CAMO-21-210571	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.1	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	UJ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.65	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.9	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	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-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	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-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.13	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.08	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	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-2021-444	CAMO-21-210570	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.415	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.95	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-444	CAMO-21-210570	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.998	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.47	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.577	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.337	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.585	70	—	ng/L	—	—	0.585	Y	U	U	N3B-2021-444	CAMO-21-210570	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.709	70	—	ng/L	—	—	0.709	Y	U	U	N3B-2021-444	CAMO-21-210570	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.709	70	—	ng/L	—	—	0.709	Y	U	U	N3B-2021-444	CAMO-21-210570	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.25	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.5	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-444	CAMO-21-210570	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-444	CAMO-21-210571	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	5.75	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2021-444	CAMO-21-210569	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	153.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-444	CAMO-21-210570	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-444	CAMO-21-210570	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	Y	U	U	N3B-2021-444	CAMO-21-210570	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0307	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.449	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.18	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	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-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	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-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	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-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.5	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	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-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	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-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	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-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.17	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.02	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	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-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	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-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	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-2021-77	CAMO-21-208197	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.519	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	48.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.29	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-77	CAMO-21-208197	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.07	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.844	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.547	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.318	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.34	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.43	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-77	CAMO-21-208197	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	126.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0748	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2021-77	CAMO-21-208197	GELC
R-50 S2	1185.0	10/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.344	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-77	CAMO-21-208197	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0973	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.511	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.32	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.8	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.049	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	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-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.1	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	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-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	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-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.8	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.32	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.43	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	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-2020-1864	CAMO-20-206018	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.465	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.6	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.31	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1864	CAMO-20-206018	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.979	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.11	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.532	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.291	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.27	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1864	CAMO-20-206018	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	166.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	UJ	N3B-2020-1864	CAMO-20-206018	GELC
R-50 S2	1185.0	09/22/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.498	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1864	CAMO-20-206018	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0358	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.499	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.33	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10.3	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0421	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.45	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.5	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	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-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.5	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.22	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.26	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	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-2020-1573	CAMO-20-198947	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.557	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.07	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1573	CAMO-20-198947	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.067	2	0.067*r	µg/L	—	—	0.067	Y	J	J	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.04	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.1	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.541	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.513	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.56	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1573	CAMO-20-198947	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1573	CAMO-20-198947	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-50 S2	1185.0	08/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1573	CAMO-20-198947	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	0.0822*r	mg/L	—	—	0.02	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.71	20000	2.06*r	pCi/L	0.857	2.84	—	Y	UQ	UJ	N3B-2020-1592	CAMO-20-198947	ARSL
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.49	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.34	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.48	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0774	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.33	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.9	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.4	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	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-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.9	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.13	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.98	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	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-2020-1407	CAMO-20-205433	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.348	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	43.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.79	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1407	CAMO-20-205433	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.12	1000	2.5	µg/L	—	—	0.2	Y	—	J+	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.08	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.551	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.355	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.9	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.53	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1407	CAMO-20-205433	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	181.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.094	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1407	CAMO-20-205433	GELC
R-50 S2	1185.0	07/27/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1407	CAMO-20-205433	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0348	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.536	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.88	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.62	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	369.0	5000	68*r	µg/L	—	—	68.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0772	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	4.96	10	2.7*r	µg/L	—	—	2.0	Y	J	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28.7	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.4	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	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-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	N	2.14	250	2.7	mg/L	—	—	0.067	Y	—	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.6	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	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-2020-1238	CAMO-20-198536	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.607	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	51.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.53	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-198536	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.993	1000	2.5	µg/L	—	—	0.2	Y	J	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.3	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.568	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.314	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.57	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	87.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.5	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1238	CAMO-20-198536	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	153.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0375	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-1238	CAMO-20-198536	GELC
R-50 S2	1185.0	06/26/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1238	CAMO-20-198536	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.703	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.509	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.13	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	14.8	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0333	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.23	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	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-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	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-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.9	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.19	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.36	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	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-2020-1033	CAMO-20-196248	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.394	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.7	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.14	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1033	CAMO-20-196248	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.991	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.71	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.54	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.324	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.43	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	102.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.5	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.67	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1033	CAMO-20-196248	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	5.13	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.081	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1033	CAMO-20-196248	GELC
R-50 S2	1185.0	03/05/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1033	CAMO-20-196248	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.172	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.486	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.35	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.7	—	0.1*r	mg/L	—	—	0.017	Y	—	J+	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.07	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	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-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.9	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.3	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.46	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	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-2020-895	CAMO-20-193965	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.366	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.27	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-895	CAMO-20-193965	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.17	1000	2.5	µg/L	—	—	0.2	Y	—	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.92	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.529	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.358	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.28	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.52	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-895	CAMO-20-193965	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.505	—	0.165*r	mg/L	—	—	0.033	Y	—	J+	N3B-2020-895	CAMO-20-193965	GELC
R-50 S2	1185.0	02/12/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-895	CAMO-20-193965	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.134	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.559	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.73	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0325	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.43	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.1	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	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-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	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-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.13	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.32	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	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-2020-665	CAMO-20-192740	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.379	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	47.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.54	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-665	CAMO-20-192740	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.957	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.65	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.533	10	0.769	mg/L	—	—	0.017	Y	—	J+	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.362	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.4	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.0	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	107.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.9	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.47	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-665	CAMO-20-192740	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	28.6	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-665	CAMO-20-192740	GELC
R-50 S2	1185.0	01/10/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-665	CAMO-20-192740	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.028	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.508	20000	2.06*r	pCi/L	0.968	3.238	—	Y	U	U	N3B-2020-701	CAMO-20-192740	ARSL
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.478	30	1.19	µg/L	—	—	0.067	Y	—	J+	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.61	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.04	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	19.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	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-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	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-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.9	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.79	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	35.2	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	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-2021-531	CAMO-21-211013	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.286	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	48.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.92	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.88	200	12.1*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-531	CAMO-21-211013	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.42	1000	2.5	µg/L	—	—	0.2	Y	—	J+	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.629	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.43	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	13.6	13.8	0.414	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.03	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.5	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.9	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.86	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-531	CAMO-21-211013	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	189.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-531	CAMO-21-211013	GELC
R-61 S1	1125.0	12/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.382	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-531	CAMO-21-211013	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.249	—	0.0822*r	mg/L	—	—	0.02	Y	—	J+	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.294	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.9	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2021-531	CAMO-21-211014	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.52	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	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-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	19.3	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.8	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	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-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.11	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	35.6	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	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-2021-295	CAMO-21-210573	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.343	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	49.6	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.08	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	4.2	200	12.1*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-295	CAMO-21-210573	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.46	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.36	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.42	10	0.769	mg/L	—	—	0.17	Y	—	J-	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	DL	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	12.5	13.8	0.414	µg/L	—	—	0.5	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	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-2021-295	CAMO-21-210573	GELC
R-61 S1	1125.0	11/04/2020	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-2021-295	CAMO-21-210573	GELC
R-61 S1	1125.0	11/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.738	70	—	ng/L	—	—	0.738	Y	U	U	N3B-2021-295	CAMO-21-210573	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.22	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	161.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.68	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-295	CAMO-21-210573	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	7.76	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	186.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-295	CAMO-21-210573	GELC
R-61 S1	1125.0	11/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-295	CAMO-21-210573	GELC
R-61 S1	1125.0	11/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	—	U	—	N3B-2021-295	CAMO-21-210573	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.297	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	UF	RE	REG	RAD	EPA:906.0	Tritium	H-3	N	85.8	20000	2.06*r	pCi/L	53.3	177.0	—	Y	U	U	N3B-2021-619	CAMO-21-210573	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.254	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.4	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.65	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	SU	—	—	0.01	Y	H	J	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	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-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0259	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	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-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	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-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	18.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	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-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	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-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.2	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.85	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	33.9	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	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-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	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-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	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-2021-117	CAMO-21-208200	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	N	0.033	1.6	0.377	mg/L	—	—	0.033	Y	U	U	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	50.7	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	42.8	1000	53.8*r	µg/L	—	—	30.0	Y	J	J	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.3	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	8.42	200	12.1*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-117	CAMO-21-208200	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.44	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.909	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.18	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	12.0	13.8	0.414	µg/L	—	—	0.5	Y	—	J	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.35	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.7	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.9	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.64	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-117	CAMO-21-208200	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-117	CAMO-21-208200	GELC
R-61 S1	1125.0	10/16/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.439	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-117	CAMO-21-208200	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.317	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.271	30	1.19	µg/L	—	—	0.067	Y	—	U	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.96	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	9.04	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0641	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	4.49	10	2.7*r	µg/L	—	—	2.0	Y	J	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	14.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	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-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	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-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.9	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.88	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	23.5	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	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-2020-1836	CAMO-20-206025	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.339	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	47.6	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.34	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	15.8	200	12.1*r	µg/L	—	—	2.0	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1836	CAMO-20-206025	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.4	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.666	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.31	10	0.769	mg/L	—	—	0.17	Y	—	J+	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	10.9	13.8	0.414	µg/L	—	—	0.5	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.4	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	157.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.9	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.97	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1836	CAMO-20-206025	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	UJ	N3B-2020-1836	CAMO-20-206025	GELC
R-61 S1	1125.0	09/18/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.651	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1836	CAMO-20-206025	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.329	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.236	30	1.19	µg/L	—	—	0.067	Y	—	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.53	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.1	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0614	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	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-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.7	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	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-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.8	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.39	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	39.0	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	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-2020-1543	CAMO-20-198949	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.261	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.81	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1543	CAMO-20-198949	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.35	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.644	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.3	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	11.4	13.8	0.414	µg/L	—	—	0.5	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.81	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.86	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	159.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.5	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.88	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1543	CAMO-20-198949	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.91	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	136.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1543	CAMO-20-198949	GELC
R-61 S1	1125.0	08/10/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1543	CAMO-20-198949	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.369	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	65.364	20000	2.06*r	pCi/L	9.952	3.082	—	Y	—	NQ	N3B-2020-1547	CAMO-20-198949	ARSL
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.222	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.27	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.18	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.1	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.45	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.0	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	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-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.2	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.8	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	31.2	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	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-2020-1338	CAMO-20-205436	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.421	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	50.1	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.14	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1338	CAMO-20-205436	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.35	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.774	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.2	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	10.5	13.8	0.414	µg/L	—	—	0.5	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.23	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.7	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.84	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1338	CAMO-20-205436	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	3.94	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	159.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1338	CAMO-20-205436	GELC
R-61 S1	1125.0	07/21/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.415	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1338	CAMO-20-205436	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.411	—	0.0822*r	mg/L	—	—	0.02	Y	—	J+	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.239	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.31	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10.1	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.9	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0693	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.82	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	18.2	750	18.7*r	µg/L	—	—	15.0	Y	J	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	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-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.71	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	33.8	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	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-2020-1219	CAMO-20-198539	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.475	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	48.2	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.25	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1219	CAMO-20-198539	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.52	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.18	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	9.61	13.8	0.414	µg/L	—	—	0.5	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.06	—	2.39	mg/L	—	—	0.05	Y	—	J+	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.61	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1219	CAMO-20-198539	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0535	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-1219	CAMO-20-198539	GELC
R-61 S1	1125.0	06/25/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.742	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1219	CAMO-20-198539	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.52	—	0.0822*r	mg/L	—	—	0.02	Y	—	J+	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.284	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.2	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	8.35	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.043	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.59	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	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-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0842	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	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-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.95	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	36.8	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	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-2020-1041	CAMO-20-196251	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.282	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	48.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.08	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1041	CAMO-20-196251	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.4	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.33	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	13.1	13.8	0.414	µg/L	—	—	0.5	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.51	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.68	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1041	CAMO-20-196251	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	136.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1041	CAMO-20-196251	GELC
R-61 S1	1125.0	03/06/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.356	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1041	CAMO-20-196251	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.361	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.274	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.37	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.42	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.68	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.147	—	0.1*r	mg/L	—	—	0.017	Y	—	J-	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	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-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.1	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.0	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	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-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.9	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	36.3	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.72	1000	3*r	µg/L	—	—	3.0	Y	J	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	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-2020-914	CAMO-20-195069	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.255	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.7	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.3	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-914	CAMO-20-193969	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-61 S1	1125.0	02/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-914	CAMO-20-195069	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.47	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.683	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.95	10	0.769	mg/L	—	—	0.17	Y	—	J+	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	12.3	13.8	0.414	µg/L	—	—	0.5	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.25	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.0	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.8	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.59	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-914	CAMO-20-195069	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	4.05	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	92.9	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.045	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-914	CAMO-20-195069	GELC
R-61 S1	1125.0	02/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.334	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-914	CAMO-20-195069	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.232	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.245	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.25	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.01	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.5	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.11	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.38	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26.3	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.3	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	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-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.67	250	2.7	mg/L	—	—	0.067	Y	—	J+	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	33.4	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	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-2020-651	CAMO-20-192743	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.304	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	53.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U*	UJ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.02	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-651	CAMO-20-192743	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.39	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.31	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	12.4	13.8	0.414	µg/L	—	—	0.5	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.03	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.49	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-651	CAMO-20-192743	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-651	CAMO-20-192743	GELC
R-61 S1	1125.0	01/08/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.396	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-651	CAMO-20-192743	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.322	—	0.0822*r	mg/L	—	—	0.02	Y	—	J+	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	50.436	20000	2.06*r	pCi/L	7.72	2.966	—	Y	—	J-	N3B-2020-701	CAMO-20-192743	ARSL
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.225	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.77	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.53	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-651	CAMO-20-192742	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.51	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-322	CAMO-21-210574	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.98	—	—	mg/L	—	—	1.45	Y	J	J	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.044	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	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-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	46.9	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	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-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.155	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	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-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	29.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.0	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	346.0	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00369	0.2	0.0017*r	mg/L	—	—	0.00167	Y	J	J	N3B-2021-322	CAMO-21-210575	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.236	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	109.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.92	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-322	CAMO-21-210575	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.429	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	7.32	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.14	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.88	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.597	70	—	ng/L	—	—	0.597	Y	U	U	N3B-2021-322	CAMO-21-210575	GELC
R-62	1158.4	11/06/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.724	70	—	ng/L	—	—	0.724	Y	U	U	N3B-2021-322	CAMO-21-210575	GELC
R-62	1158.4	11/06/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.724	70	—	ng/L	—	—	0.724	Y	U	U	N3B-2021-322	CAMO-21-210575	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.43	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.7	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	301.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	131.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	33.4	600	4.59	mg/L	—	—	0.665	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-322	CAMO-21-210575	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	5.4	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	220.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0574	—	0.165*r	mg/L	—	—	0.033	Y	J	J+	N3B-2021-322	CAMO-21-210575	GELC
R-62	1158.4	11/06/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-322	CAMO-21-210575	GELC
R-62	1158.4	11/06/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	Y	U	U	N3B-2021-322	CAMO-21-210575	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0411	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.04	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.79	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.65	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.51	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.13	—	—	mg/L	—	—	1.45	Y	J	J	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.114	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.83	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	42.7	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	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-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.153	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	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-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	28.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.7	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	287.0	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00278	0.2	0.0017*r	mg/L	—	—	0.00167	Y	J	J	N3B-2020-1601	CAMO-20-198951	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.147	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	106.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.7	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1601	CAMO-20-198951	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.635	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.54	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.99	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.937	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.48	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.0	—	16	mg/L	—	—	0.1	Y	—	J-	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	277.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	128.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	29.3	600	4.59	mg/L	—	—	0.665	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1601	CAMO-20-198951	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	4.44	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	223.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1601	CAMO-20-198951	GELC
R-62	1158.4	08/21/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.411	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1601	CAMO-20-198951	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0609	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.02	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.94	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	10.8	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-1601	CAMO-20-198952	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0581	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	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-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	15.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	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-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	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-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.19	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	8.05	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	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-2021-322	CASA-21-210577	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.319	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	59.7	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.78	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-322	CASA-21-210577	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.531	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.379	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.332	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.592	70	—	ng/L	—	—	0.592	Y	U	U	N3B-2021-322	CASA-21-210577	GELC
R-67	1242.6	11/06/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.718	70	—	ng/L	—	—	0.718	Y	U	U	N3B-2021-322	CASA-21-210577	GELC
R-67	1242.6	11/06/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.718	70	—	ng/L	—	—	0.718	Y	U	U	N3B-2021-322	CASA-21-210577	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	74.3	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-322	CASA-21-210577	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	179.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-322	CASA-21-210577	GELC
R-67	1242.6	11/06/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-322	CASA-21-210577	GELC
R-67	1242.6	11/06/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	Y	U	U	N3B-2021-322	CASA-21-210577	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0521	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.02	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.22	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.04	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.38	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.57	—	—	mg/L	—	—	1.45	Y	J	J	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0841	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.39	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	16.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.8	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	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-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.2	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.29	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	8.2	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	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-2020-1595	CASA-20-205948	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.129	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	67.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.65	—	4.18	mg/L	—	—	0.11	Y	E	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1595	CASA-20-205948	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.78	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.37	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.34	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.87	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	16	mg/L	—	—	0.1	Y	N	J-	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	85.8	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.65	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1595	CASA-20-205948	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	4.58	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	209.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1595	CASA-20-205948	GELC
R-67	1242.6	08/20/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1595	CASA-20-205948	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0341	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.115	20000	2.06*r	pCi/L	0.861	2.927	—	Y	U	U	N3B-2020-1622	CASA-20-205948	ARSL
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.05	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.75	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	8.0	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0604	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.051	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	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-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	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-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	16.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	15.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	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-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	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-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-698	CASA-20-192790	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	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-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	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-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.23	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.19	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	8.47	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	7.97	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	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-2020-698	CASA-20-192791	GELC
R-67	1242.6	01/15/2020	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-2020-698	CASA-20-193659	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.19	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.181	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	59.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	57.2	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.44	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.22	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-698	CASA-20-192791	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-698	CASA-20-193659	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.624	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.622	1000	2.5	µg/L	—	—	0.2	Y	J	J	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.376	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.374	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.375	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.375	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.03	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.99	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.9	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	74.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	70.3	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.74	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.68	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-698	CASA-20-192791	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-698	CASA-20-193659	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	166.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-698	CASA-20-192791	GELC
R-67	1242.6	01/15/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-698	CASA-20-193659	GELC
R-67	1242.6	01/15/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-698	CASA-20-192791	GELC
R-67	1242.6	01/15/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-698	CASA-20-193659	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.056	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0499	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.01	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	1.03	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.72	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.62	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0555	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.91	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.5	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	26.1	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	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-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.41	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	26.5	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	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-2021-523	CAMO-21-211015	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.503	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	76.6	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.04	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-523	CAMO-21-211015	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.66	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.3	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.92	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.643	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.34	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	231.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	77.2	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.58	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-523	CAMO-21-211015	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	12.0	12000	13*r	µg/L	—	—	2.5	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-523	CAMO-21-211015	GELC
R-70 S1	963.0	12/03/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.426	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-523	CAMO-21-211015	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.069	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.764	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.45	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	13.8	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.294	535	—	µg/L	—	—	0.294	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	Y	0.579	—	—	µg/L	—	—	0.294	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	14100	—	µg/L	—	—	1.5	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	µg/L	—	—	8.0	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.6	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0295	—	0.0167*r	pCi/L	0.0135	0.0719	—	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.12	130	—	µg/L	—	—	4.12	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.294	1720	—	µg/L	—	—	0.294	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.14	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.94	3	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.83	0.00109	—	µg/L	—	—	3.83	Y	U	UJ	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	Y	0.373	0.12	—	µg/L	—	—	0.294	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.294	0.2	—	µg/L	—	—	0.294	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	Y	0.589	0.343	—	µg/L	—	—	0.294	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.294	—	—	µg/L	—	—	0.294	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.294	3.43	—	µg/L	—	—	0.294	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.89	75000	—	µg/L	—	—	5.89	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.94	2000	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.94	59	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.94	0.137	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.294	6	—	µg/L	—	—	0.294	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	34.7	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.94	—	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	Y	0.569	160	—	µg/L	—	—	0.294	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.21	—	2.93*r	pCi/L	1.07	3.93	—	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.92	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.94	1400	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.24	3.7	—	µg/L	—	—	3.24	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.402	733	—	µg/L	—	—	0.402	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.94	91	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.94	—	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	18.7	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	Y	0.442	34.3	—	µg/L	—	—	0.294	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.194	—	2.65*r	pCi/L	0.649	3.01	—	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.294	0.0343	—	µg/L	—	—	0.294	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.94	7.9	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.94	600	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.94	—	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.94	75	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.94	1.25	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.94	45.3	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	Y	1.34	14800	—	µg/L	—	—	0.294	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	Y	1.65	612	—	µg/L	—	—	0.294	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.94	354	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.294	885	—	µg/L	—	—	0.294	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.91	38.7	—	µg/L	—	—	4.91	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.94	2.37	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.94	0.485	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	Y	0.353	200	—	µg/L	—	—	0.294	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.94	7	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.94	4.59	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.94	122	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.94	0.78	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	Y	0.854	802	—	µg/L	—	—	0.294	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	Y	0.461	288	—	µg/L	—	—	0.294	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.379	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.958	15	2.012*r	pCi/L	0.858	2.92	—	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.24	—	3.81*r	pCi/L	0.788	2.35	—	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	82.2	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.94	1	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.94	1.39	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.94	50	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.94	3.28	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	µg/L	—	—	1.5	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.44	781	—	µg/L	—	—	3.44	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.78	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.35	5	—	µg/L	—	—	1.0	Y	J	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.294	11.4	—	µg/L	—	—	0.294	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	Y	0.559	35.1	—	µg/L	—	—	0.294	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.94	930	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.63	—	—	µg/L	—	—	3.63	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.73	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.294	1.65	—	µg/L	—	—	0.294	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.21	—	4.72*r	pCi/L	2.08	7.37	—	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.871	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.68	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.94	190	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.94	—	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.94	38	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.94	1.4	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.94	—	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.94	—	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.94	0.00167	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	µg/L	—	—	0.00018	Y	U	UJ	N3B-2021-341	CAMO-21-210773	SwRI
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.94	0.00491	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	0.00491	—	µg/L	—	—	0.00036	Y	U	UJ	N3B-2021-341	CAMO-21-210773	SwRI
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	0.0273	—	µg/L	—	—	0.00047	Y	U	UJ	N3B-2021-341	CAMO-21-210773	SwRI
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	µg/L	—	—	0.00018	Y	U	UJ	N3B-2021-341	CAMO-21-210773	SwRI
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.94	0.37	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	µg/L	—	—	0.00033	Y	U	UJ	N3B-2021-341	CAMO-21-210773	SwRI
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.94	3.07	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.94	1	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	5.0	13.8	0.414	µg/L	—	—	5.0	Y	U	R	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.527	13.8	0.414	µg/L	—	—	0.05	Y	H	J-	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.646	70	—	ng/L	—	—	0.646	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.782	70	—	ng/L	—	—	0.782	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.782	70	—	ng/L	—	—	0.782	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.294	170	—	µg/L	—	—	0.294	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.94	5	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0114	—	0.00994*r	pCi/L	0.00902	0.0661	—	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N		—	0.0171*r	pCi/L	0.00902	0.0738	—	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.42	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	44.0	—	35.6*r	pCi/L	16.6	47.2	—	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.94	250	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	µg/L	—	—	1.5	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.294	117	—	µg/L	—	—	0.294	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.94	20	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.455	5	—	pCi/L	0.134	0.329	—	Y	—	NQ	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.469	—	—	pCi/L	0.159	—	—	Y	—	NQ	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0143	5	—	pCi/L	0.0867	0.337	—	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.8	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0204	—	1.93*r	pCi/L	0.935	3.6	—	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	213.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	88.3	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.267	8	0.355*r	pCi/L	0.123	0.486	—	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.81	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.94	20	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.94	240	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	8.67	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	171.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	—	U	—	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0801	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.94	70	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.94	1170	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.94	11.9	—	µg/L	—	—	2.94	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.736	30	1.19	µg/L	—	—	0.067	Y	—	J+	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.585	27.2	0.715	pCi/L	0.0763	0.176	—	Y	—	NQ	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0229	28.8	0.0423*r	pCi/L	0.0232	0.152	—	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.244	30	0.336	pCi/L	0.0512	0.16	—	Y	—	NQ	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.36	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	12.7	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	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-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0325	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	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-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	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-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.7	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	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-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	33.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-110	CAMO-21-208203	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	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-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.9	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.78	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	19.8	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	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-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	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-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	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-2021-110	CAMO-21-208202	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.458	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	82.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.5	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-110	CAMO-21-208202	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.85	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.904	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.57	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.541	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.41	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	86.9	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.0	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-110	CAMO-21-208202	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	6.03	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	180.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-110	CAMO-21-208202	GELC
R-70 S1	963.0	10/15/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.596	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-110	CAMO-21-208202	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0878	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.798	30	1.19	µg/L	—	—	0.067	Y	—	J+	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.77	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	20.8	10000	14.4*r	µg/L	—	—	3.3	Y	—	U	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.5	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0588	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.18	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.8	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	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-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	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-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.2	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.08	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	13.5	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	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-2020-1886	CAMO-20-206054	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.396	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	76.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.1	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1886	CAMO-20-206054	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.54	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.82	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.513	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.28	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	81.2	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.11	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1886	CAMO-20-206054	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	157.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	UJ	N3B-2020-1886	CAMO-20-206054	GELC
R-70 S1	963.0	09/23/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.587	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1886	CAMO-20-206054	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0236	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.768	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.62	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	13.1	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	535	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	14100	—	µg/L	—	—	1.5	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	µg/L	—	—	8.0	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00237	—	0.0167*r	pCi/L	0.00785	0.0418	—	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0673	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	130	—	µg/L	—	—	4.2	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	1720	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	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-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	3	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.1	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.38	6	—	µg/L	—	—	0.3	Y	J	J	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	27.9	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	160	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.5	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.251	—	2.93*r	pCi/L	0.954	3.4	—	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.28	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	30.5	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.455	—	2.65*r	pCi/L	1.05	3.89	—	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	14800	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	7	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	122	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	802	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	288	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.525	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.336	15	2.012*r	pCi/L	0.504	2.04	—	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.501	—	3.81*r	pCi/L	0.717	2.48	—	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	77.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	1	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	50	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	µg/L	—	—	1.5	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	781	—	µg/L	—	—	3.5	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.25	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1511	CAMO-20-206162	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.72	5	—	µg/L	—	—	1.0	Y	BJ	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	µg/L	—	—	3.7	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.46	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.03	—	4.72*r	pCi/L	2.71	7.77	—	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.803	200	2.9	µg/L	—	—	0.6	Y	J	J	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.78	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	µg/L	—	—	0.00018	Y	U	U	N3B-2020-1513	CAMO-20-206141	SwRI
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.000393	0.00491	—	µg/L	—	—	0.00036	Y	JB	U	N3B-2020-1513	CAMO-20-206141	SwRI
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	0.0273	—	µg/L	—	—	0.00047	Y	U	UJ	N3B-2020-1513	CAMO-20-206141	SwRI
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	µg/L	—	—	0.00018	Y	U	UJ	N3B-2020-1513	CAMO-20-206141	SwRI
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	µg/L	—	—	0.00033	Y	U	U	N3B-2020-1513	CAMO-20-206141	SwRI
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	1	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.586	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.585	70	—	ng/L	—	—	0.585	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	1.45	70	—	ng/L	—	—	0.71	Y	J	J	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	170	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	5	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00219	—	0.00994*r	pCi/L	0.00789	0.0404	—	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0131	—	0.0171*r	pCi/L	0.00692	0.0405	—	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.38	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	30.2	—	35.6*r	pCi/L	16.3	65.9	—	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	250	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	µg/L	—	—	1.5	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	117	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	20	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.643	5	—	pCi/L	0.187	0.41	—	Y	—	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.877	—	—	pCi/L	0.286	—	—	Y	—	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.234	5	—	pCi/L	0.217	0.742	—	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.67	—	1.93*r	pCi/L	1.04	4.44	—	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	80.9	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.166	8	0.355*r	pCi/L	0.0729	0.258	—	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.89	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	20	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1511	CAMO-20-206162	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	176.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.034	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	1.45	70	—	ng/L	—	—	—	—	J	—	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0816	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	6.623	20000	2.06*r	pCi/L	1.446	3.182	—	Y	—	NQ	N3B-2020-1538	CAMO-20-206141	ARSL
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.776	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.557	27.2	0.715	pCi/L	0.0571	0.0828	—	Y	—	NQ	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0472	28.8	0.0423*r	pCi/L	0.021	0.0647	—	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.255	30	0.336	pCi/L	0.0381	0.0753	—	Y	—	NQ	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.72	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	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-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	17.9	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.02	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	62.1	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	27.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.143	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	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-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	32.2	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.8	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	250.0	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	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-2021-523	CAMO-21-211018	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.424	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	112.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.6	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-523	CAMO-21-211018	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.19	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.92	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.06	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.986	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.71	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.0	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	336.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	131.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	30.8	600	4.59	mg/L	—	—	0.665	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-523	CAMO-21-211018	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	17.3	12000	13*r	µg/L	—	—	2.5	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	227.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-523	CAMO-21-211018	GELC
R-70 S2	1048.0	12/03/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.514	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-523	CAMO-21-211018	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0674	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.946	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.08	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.78	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.293	535	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.293	—	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	14100	—	µg/L	—	—	1.5	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	µg/L	—	—	8.0	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.0	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0171	—	0.0167*r	pCi/L	0.0132	0.075	—	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0174	—	0.1*r	mg/L	—	—	0.017	Y	J	J	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.1	130	—	µg/L	—	—	4.1	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.293	1720	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.77	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.93	3	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	74.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.81	0.00109	—	µg/L	—	—	3.81	Y	U	UJ	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.293	0.12	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.293	0.2	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.293	0.343	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.293	—	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.293	3.43	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.86	75000	—	µg/L	—	—	5.86	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.93	2000	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.93	59	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.93	0.137	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.293	6	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	32.8	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.13	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.93	—	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.293	160	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	36.1	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.22	—	2.93*r	pCi/L	1.33	4.7	—	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.0	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.93	1400	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.22	3.7	—	µg/L	—	—	3.22	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.401	733	—	µg/L	—	—	0.401	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.93	91	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.93	—	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	256.0	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.293	34.3	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0828	—	2.65*r	pCi/L	1.08	4.13	—	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.293	0.0343	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.93	7.9	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.93	600	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.93	—	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.93	75	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.93	1.25	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.93	45.3	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.293	14800	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.293	612	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.93	354	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.293	885	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.88	38.7	—	µg/L	—	—	4.88	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.93	2.37	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.93	0.485	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.293	200	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.93	7	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.93	4.59	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.244	4.59	—	µg/L	—	—	0.1	Y	J	J	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.93	122	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.93	0.78	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.293	802	—	µg/L	—	—	0.293	Y	U	UJ	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.293	288	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.284	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.77	15	2.012*r	pCi/L	0.916	2.78	—	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.399	—	3.81*r	pCi/L	0.562	2.02	—	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	128.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.93	1	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.93	1.39	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.93	50	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.93	3.28	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	µg/L	—	—	1.5	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.42	781	—	µg/L	—	—	3.42	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	9.13	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.35	5	—	µg/L	—	—	1.0	Y	J	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.293	11.4	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.293	35.1	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.93	930	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.61	—	—	µg/L	—	—	3.61	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.18	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.293	1.65	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.9	—	4.72*r	pCi/L	2.49	9.2	—	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.0	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.88	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.93	190	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.93	—	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.93	38	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.93	1.4	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.93	—	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.93	—	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.93	0.00167	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	µg/L	—	—	0.00018	Y	U	UJ	N3B-2021-341	CAMO-21-210774	SwRI
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.93	0.00491	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	0.00491	—	µg/L	—	—	0.00036	Y	U	UJ	N3B-2021-341	CAMO-21-210774	SwRI
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000487	0.0273	—	µg/L	—	—	0.00047	Y	J	J-	N3B-2021-341	CAMO-21-210774	SwRI
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	µg/L	—	—	0.00018	Y	U	UJ	N3B-2021-341	CAMO-21-210774	SwRI
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.93	0.37	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	µg/L	—	—	0.00033	Y	U	UJ	N3B-2021-341	CAMO-21-210774	SwRI
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.93	3.07	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.93	1	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.9	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.599	70	—	ng/L	—	—	0.599	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.598	70	—	ng/L	—	—	0.598	Y	U	U	N3B-2021-340	CAMO-21-210778	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.726	70	—	ng/L	—	—	0.726	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.724	70	—	ng/L	—	—	0.724	Y	U	U	N3B-2021-340	CAMO-21-210778	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.726	70	—	ng/L	—	—	0.726	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.724	70	—	ng/L	—	—	0.724	Y	U	U	N3B-2021-340	CAMO-21-210778	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.293	170	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.93	5	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00768	—	0.00994*r	pCi/L	0.00768	0.0593	—	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0179	—	0.0171*r	pCi/L	0.00848	0.0662	—	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.87	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.5	—	35.6*r	pCi/L	21.2	44.1	—	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.93	250	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	µg/L	—	—	1.5	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.293	117	—	µg/L	—	—	0.293	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.93	20	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.343	5	—	pCi/L	0.132	0.38	—	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.483	—	—	pCi/L	0.177	—	—	Y	—	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.14	5	—	pCi/L	0.117	0.403	—	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.4	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.232	—	1.93*r	pCi/L	1.09	4.07	—	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	322.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	158.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.308	8	0.355*r	pCi/L	0.125	0.491	—	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	31.2	600	4.59	mg/L	—	—	0.665	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.93	20	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-340	CAMO-21-210778	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.93	240	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	7.07	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	244.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.364	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	—	U	—	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	—	U	—	N3B-2021-340	CAMO-21-210778	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0752	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.93	70	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	µg/L	—	—	0.3	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.93	1170	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.93	11.9	—	µg/L	—	—	2.93	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.921	30	1.19	µg/L	—	—	0.067	Y	—	J+	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.655	27.2	0.715	pCi/L	0.0785	0.171	—	Y	—	NQ	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0492	28.8	0.0423*r	pCi/L	0.0271	0.148	—	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.326	30	0.336	pCi/L	0.0552	0.156	—	Y	—	NQ	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.66	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	6.94	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	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-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0585	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	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-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	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-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	68.1	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	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-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	28.2	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.133	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	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-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	34.2	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.4	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	255.0	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	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-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	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-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	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-2021-110	CAMO-21-208205	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	N	0.033	1.6	0.377	mg/L	—	—	0.033	Y	U	U	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	119.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.14	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-110	CAMO-21-208205	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.18	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.96	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.79	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.893	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.81	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.8	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	303.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	145.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	30.1	600	4.59	mg/L	—	—	0.665	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-110	CAMO-21-208205	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	6.26	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	231.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-110	CAMO-21-208205	GELC
R-70 S2	1048.0	10/15/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.71	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-110	CAMO-21-208205	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0976	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.998	30	1.19	µg/L	—	—	0.067	Y	—	J+	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.04	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	8.3	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.4	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0601	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.71	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	65.9	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	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-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.171	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	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-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	32.9	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.3	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	264.0	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	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-2020-1886	CAMO-20-206058	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.36	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	114.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.74	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1886	CAMO-20-206058	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.11	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.73	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.01	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.812	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.72	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	342.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	141.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	32.6	600	4.59	mg/L	—	—	0.665	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1886	CAMO-20-206058	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	249.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	UJ	N3B-2020-1886	CAMO-20-206058	GELC
R-70 S2	1048.0	09/23/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.662	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1886	CAMO-20-206058	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	0.0822*r	mg/L	—	—	0.02	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.896	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.26	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	8.97	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	535	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	535	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	14100	—	µg/L	—	—	1.5	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	14100	—	µg/L	—	—	1.5	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	µg/L	—	—	8.0	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	µg/L	—	—	8.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.8	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00222	—	0.0167*r	pCi/L	0.00665	0.0392	—	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00219	—	0.0167*r	pCi/L	0.0118	0.0387	—	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0173	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	130	—	µg/L	—	—	4.2	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	130	—	µg/L	—	—	4.2	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	1720	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	1720	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.15	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1511	CAMO-20-206143	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	3	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	3	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	67.1	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	69.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	0.00109	—	µg/L	—	—	3.9	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	75000	—	µg/L	—	—	6.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	31.4	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	32.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.105	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.117	—	0.067*r	mg/L	—	—	0.067	Y	J	J	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	160	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	160	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	32.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	33.2	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0859	—	2.93*r	pCi/L	0.956	3.38	—	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.652	—	2.93*r	pCi/L	0.98	3.72	—	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.0	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.2	250	2.7	mg/L	—	—	0.335	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	268.0	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	272.0	50	7.48	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.07	—	2.65*r	pCi/L	0.867	3.67	—	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.943	—	2.65*r	pCi/L	1.09	3.78	—	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	600	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	75	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	14800	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	14800	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	7	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	7	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.295	4.59	—	µg/L	—	—	0.1	Y	J	J-	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.294	4.59	—	µg/L	—	—	0.1	Y	J	J-	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	122	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	122	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	802	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	802	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	288	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	288	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.452	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.442	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.674	15	2.012*r	pCi/L	0.632	2.32	—	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.334	15	2.012*r	pCi/L	0.542	2.46	—	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.66	—	3.81*r	pCi/L	0.897	2.94	—	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.97	—	3.81*r	pCi/L	0.798	2.17	—	Y	—	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	112.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	115.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	1	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	1	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	50	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	50	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	3.28	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	µg/L	—	—	1.5	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	µg/L	—	—	1.5	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	781	—	µg/L	—	—	3.5	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	781	—	µg/L	—	—	3.5	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.67	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.76	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1511	CAMO-20-206163	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1511	CAMO-20-206164	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.74	5	—	µg/L	—	—	1.0	Y	BJ	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.76	5	—	µg/L	—	—	1.0	Y	BJ	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	µg/L	—	—	3.7	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	µg/L	—	—	3.7	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.07	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.02	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.09	—	4.72*r	pCi/L	1.64	5.7	—	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.25	—	4.72*r	pCi/L	1.92	6.87	—	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.45	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.74	200	2.9	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.92	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.93	10	0.769	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	µg/L	—	—	0.00018	Y	U	U	N3B-2020-1513	CAMO-20-206142	SwRI
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	µg/L	—	—	0.00018	Y	U	U	N3B-2020-1513	CAMO-20-206144	SwRI
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	0.00491	—	µg/L	—	—	0.00036	Y	U	U	N3B-2020-1513	CAMO-20-206142	SwRI
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	HRGC/HRMS	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	0.00491	—	µg/L	—	—	0.00036	Y	U	U	N3B-2020-1513	CAMO-20-206144	SwRI
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	0.0273	—	µg/L	—	—	0.00047	Y	U	UJ	N3B-2020-1513	CAMO-20-206142	SwRI
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	0.0273	—	µg/L	—	—	0.00047	Y	U	UJ	N3B-2020-1513	CAMO-20-206144	SwRI
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	µg/L	—	—	0.00018	Y	U	UJ	N3B-2020-1513	CAMO-20-206142	SwRI
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	µg/L	—	—	0.00018	Y	U	UJ	N3B-2020-1513	CAMO-20-206144	SwRI

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	µg/L	—	—	0.00033	Y	U	U	N3B-2020-1513	CAMO-20-206142	SwRI
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	HRGC/HRMS	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	µg/L	—	—	0.00033	Y	U	U	N3B-2020-1513	CAMO-20-206144	SwRI
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	1	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	1	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.913	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.869	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.603	70	—	ng/L	—	—	0.603	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.594	70	—	ng/L	—	—	0.594	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	4.88	70	—	ng/L	—	—	0.719	Y	—	NQ	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.719	70	—	ng/L	—	—	0.719	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	170	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	170	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	5	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	5	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0163	—	0.00994*r	pCi/L	0.00902	0.043	—	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00283	—	0.00994*r	pCi/L	0.00749	0.0522	—	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00233	—	0.0171*r	pCi/L	0.00839	0.0431	—	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0141	—	0.0171*r	pCi/L	0.00938	0.0524	—	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.79	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.82	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.5	—	35.6*r	pCi/L	20.2	38.9	—	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-10.8	—	35.6*r	pCi/L	13.1	44.8	—	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	250	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	250	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	µg/L	—	—	1.5	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	µg/L	—	—	1.5	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	117	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	117	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	20	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	20	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0357	5	—	pCi/L	0.0799	0.342	—	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.523	5	—	pCi/L	0.141	0.295	—	Y	—	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0978	—	—	pCi/L	0.169	—	—	Y	—	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.523	—	—	pCi/L	0.278	—	—	Y	—	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0621	5	—	pCi/L	0.149	0.549	—	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.317	5	—	pCi/L	0.239	0.911	—	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	14.5	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.59	—	1.93*r	pCi/L	1.46	3.03	—	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.774	—	1.93*r	pCi/L	0.834	2.91	—	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	315.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	309.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	136.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	138.0	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0391	8	0.355*r	pCi/L	0.124	0.418	—	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0449	8	0.355*r	pCi/L	0.0581	0.195	—	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	32.1	600	4.59	mg/L	—	—	0.665	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	32.3	600	4.59	mg/L	—	—	0.665	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	20	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	20	—	µg/L	—	—	3.0	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1511	CAMO-20-206163	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1511	CAMO-20-206164	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	240.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	226.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0636	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0626	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.41	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.41	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	—	U	—	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	4.88	70	—	ng/L	—	—	—	—	—	—	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0737	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0469	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	µg/L	—	—	0.3	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	53.836	20000	2.06*r	pCi/L	8.248	3.316	—	Y	—	NQ	N3B-2020-1538	CAMO-20-206142	ARSL
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	52.437	20000	2.06*r	pCi/L	8.018	3.0	—	Y	—	NQ	N3B-2020-1538	CAMO-20-206144	ARSL
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.939	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.938	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.658	27.2	0.715	pCi/L	0.0617	0.0851	—	Y	—	NQ	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.633	27.2	0.715	pCi/L	0.0616	0.0867	—	Y	—	NQ	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0616	28.8	0.0423*r	pCi/L	0.022	0.0665	—	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0296	28.8	0.0423*r	pCi/L	0.0204	0.0677	—	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.388	30	0.336	pCi/L	0.0465	0.0775	—	Y	—	NQ	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.337	30	0.336	pCi/L	0.0448	0.0789	—	Y	—	NQ	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.67	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.58	63.1	11.4	µg/L	—	—	1.0	Y	J	J	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.89	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	7.76	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1511	CAMO-20-206143	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-295	CASA-21-210519	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	112.0	—	62	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*i	µg/L	—	—	68.0	Y	U	U	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0204	—	0.00829*i	pCi/L	0.0127	0.064	—	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.0606*i	mg/L	—	—	0.017	Y	U	U	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.96	10	2.82*i	µg/L	—	—	2.0	Y	J	J	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.5	2000	13.5	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	89.0	750	16.2*i	µg/L	—	—	15.0	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.64	—	0.0716*i	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	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-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	54.9	—	10.7	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.68	—	2.96*i	pCi/L	1.95	6.74	—	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	101.0	250	3.11	mg/L	—	—	1.34	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	12.8	50	2.72*i	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.799	—	2.68*i	pCi/L	1.68	6.94	—	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*i	µg/L	—	—	3.0	Y	U	U	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	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-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.166	1.6	0.234	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.52	15	3.85*i	pCi/L	0.913	2.95	—	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.387	—	9.18*i	pCi/L	0.696	2.49	—	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	172.0	—	37.8	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	30.7	1000	54.1*i	µg/L	—	—	30.0	Y	J	J	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*i	µg/L	—	—	0.5	Y	U	U	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.48	—	3.14	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	8.39*i	µg/L	—	—	2.0	Y	U	U	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	63.3	1000	2.9	µg/L	—	—	0.2	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.39	—	5.84*i	pCi/L	3.48	12.3	—	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	7.19	200	3.65	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.49	10	0.459	mg/L	—	—	0.085	Y	—	J-	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.595	13.8	0.27	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.595	70	—	ng/L	—	—	0.595	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	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-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	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-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00000000276	—	0.00732*i	pCi/L	0.00948	0.0548	—	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000513	—	0.0132*i	pCi/L	0.0125	0.0612	—	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.78	—	2.35	mg/L	—	—	0.05	Y	—	J+	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.2	—	38.6*i	pCi/L	23.4	91.7	—	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.352	5	—	pCi/L	0.151	0.385	—	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.805	—	—	pCi/L	0.228	—	—	Y	—	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.452	5	—	pCi/L	0.171	0.52	—	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*i	µg/L	—	—	2.0	Y	U	U	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.1	—	75	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*i	µg/L	—	—	0.3	Y	U	U	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	62.4	—	18.2	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.164	—	2.02*i	pCi/L	1.8	6.66	—	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	721.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	242.0	11800	59.6	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.414	8	0.282*i	pCi/L	0.154	0.484	—	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	41.7	600	7.1	mg/L	—	—	2.66	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*i	µg/L	—	—	0.6	Y	U	U	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	31.5	12000	13*i	µg/L	—	—	2.5	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	444.0	1000	135*i	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.103	—	0.173*i	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.791	—	1.35	mg/L	—	—	0.33	Y	J	J	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	—	U	—	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.27	—	0.178*i	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.14	30	0.992	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.21	27.2	0.477	pCi/L	0.107	0.176	—	Y	—	NQ	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0593	28.8	0.0203*i	pCi/L	0.0302	0.152	—	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.391	30	0.201	pCi/L	0.062	0.16	—	Y	—	NQ	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.26	63.1	9.29	µg/L	—	—	1.0	Y	J	J	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.92	10000	17.4*i	µg/L	—	—	3.3	Y	J	J	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106.0	—	62	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*i	µg/L	—	—	68.0	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0362	—	0.0606*i	mg/L	—	—	0.017	Y	J	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.67	10	2.82*i	µg/L	—	—	2.0	Y	J	J	N3B-2020-1528	CASA-20-205885	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.0	2000	13.5	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	76.4	750	16.2*i	µg/L	—	—	15.0	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.0716*i	mg/L	—	—	0.067	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	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-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	51.3	—	10.7	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.62	250	3.11	mg/L	—	—	0.067	Y	—	J+	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	9.83	50	2.72*i	µg/L	—	—	3.0	Y	J	J	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*i	µg/L	—	—	3.0	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	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-2020-1528	CASA-20-205884	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.697	1.6	0.234	mg/L	—	—	0.033	Y	—	J+	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	162.0	—	37.8	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	54.1*i	µg/L	—	—	30.0	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*i	µg/L	—	—	0.5	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.18	—	3.14	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	8.39*i	µg/L	—	—	2.0	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2020-1528	CASA-20-205884	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	65.3	1000	2.9	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.23	200	3.65	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.4	10	0.459	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.602	13.8	0.27	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.86	—	2.35	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*i	µg/L	—	—	2.0	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.3	—	75	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*i	µg/L	—	—	0.3	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	60.3	—	18.2	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	742.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	211.0	11800	59.6	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	13.8	600	7.1	mg/L	—	—	0.133	Y	—	J+	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1528	CASA-20-205884	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*i	µg/L	—	—	0.6	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	11.1	12000	13*i	µg/L	—	—	2.5	Y	—	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	424.0	1000	135*i	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.133	—	0.173*i	mg/L	—	—	0.033	Y	—	U	N3B-2020-1528	CASA-20-205884	GELC
SCI-1	358.4	08/06/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.841	—	1.35	mg/L	—	—	0.33	Y	J	J	N3B-2020-1528	CASA-20-205884	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.26	—	0.178*i	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.24	30	0.992	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.83	63.1	9.29	µg/L	—	—	1.0	Y	J	J	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	12.0	10000	17.4*i	µg/L	—	—	3.3	Y	J	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	94.1	—	62	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*i	µg/L	—	—	68.0	Y	U	U	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00353	—	0.00829*i	pCi/L	0.0106	0.0776	—	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.0606*i	mg/L	—	—	0.017	Y	U	U	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	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-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	74.8	2000	13.5	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.3	750	16.2*i	µg/L	—	—	15.0	Y	J	J	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.735	—	0.0716*i	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	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-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	72.4	—	10.7	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.06	—	2.96*i	pCi/L	1.5	6.01	—	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	74.4	250	3.11	mg/L	—	—	1.34	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	244.0	50	2.72*i	µg/L	—	—	3.0	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.12	—	2.68*i	pCi/L	2.26	6.59	—	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*i	µg/L	—	—	3.0	Y	U	U	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00374	0.2	0.0017*i	mg/L	—	—	0.00167	Y	J	J	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.177	1.6	0.234	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.62	15	3.85*i	pCi/L	0.788	2.94	—	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.57	—	9.18*i	pCi/L	0.663	2.01	—	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	248.0	—	37.8	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	54.1*i	µg/L	—	—	30.0	Y	U	U	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*i	µg/L	—	—	0.5	Y	U	U	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	16.3	—	3.14	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	8.39*i	µg/L	—	—	2.0	Y	U	U	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.571	1000	2.9	µg/L	—	—	0.2	Y	J	J	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.36	—	5.84*i	pCi/L	2.93	10.5	—	Y	U	U	N3B-2021-295	CASA-21-210522	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	14.4	200	3.65	µg/L	—	—	0.6	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.39	10	0.459	mg/L	—	—	0.17	Y	—	J-	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.874	13.8	0.27	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acic	355-46-4	N	0.605	70	—	ng/L	—	—	0.605	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.733	70	—	ng/L	—	—	0.733	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.733	70	—	ng/L	—	—	0.733	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0058	—	0.00732*i	pCi/L	0.01	0.0672	—	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0029	—	0.0132*i	pCi/L	0.0105	0.075	—	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.63	—	2.35	mg/L	—	—	0.05	Y	—	J+	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.14	—	38.6*i	pCi/L	21.3	83.6	—	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.459	5	—	pCi/L	0.146	0.338	—	Y	—	NQ	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.459	—	—	pCi/L	0.209	—	—	Y	—	NQ	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.179	5	—	pCi/L	0.15	0.608	—	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*i	µg/L	—	—	2.0	Y	U	U	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.5	—	75	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*i	µg/L	—	—	0.3	Y	U	U	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	22.0	—	18.2	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.12	—	2.02*i	pCi/L	1.63	5.48	—	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	684.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	340.0	11800	59.6	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.109	8	0.282*i	pCi/L	0.14	0.483	—	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	81.4	600	7.1	mg/L	—	—	2.66	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*i	µg/L	—	—	0.6	Y	U	U	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	40.5	12000	13*i	µg/L	—	—	2.5	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	496.0	1000	135*i	mg/L	—	—	3.4	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.145	—	0.173*i	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.623	—	1.35	mg/L	—	—	0.33	Y	J	J	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N		70	—	ng/L	—	—	—	—	U	—	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0359	—	0.178*i	mg/L	—	—	0.02	Y	J	J	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	235.0	20000	2.02*i	pCi/L	42.9	111.0	—	Y	—	NQ	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.26	30	0.992	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.34	27.2	0.477	pCi/L	0.102	0.153	—	Y	—	NQ	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0268	28.8	0.0203*i	pCi/L	0.0242	0.132	—	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.624	30	0.201	pCi/L	0.074	0.139	—	Y	—	NQ	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.79	63.1	9.29	µg/L	—	—	1.0	Y	J	J	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.33	10000	17.4*i	µg/L	—	—	3.3	Y	J	J	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.0	—	62	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*i	µg/L	—	—	68.0	Y	U	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0491	—	0.0606*i	mg/L	—	—	0.017	Y	J	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	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-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	68.0	2000	13.5	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.0	750	16.2*i	µg/L	—	—	15.0	Y	J	J	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.756	—	0.0716*i	mg/L	—	—	0.067	Y	—	J+	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	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-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	63.4	—	10.7	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	79.3	250	3.11	mg/L	—	—	1.34	Y	—	J+	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	262.0	50	2.72*i	µg/L	—	—	3.0	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*i	µg/L	—	—	3.0	Y	U	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00433	0.2	0.0017*i	mg/L	—	—	0.00167	Y	J	J	N3B-2020-1528	CASA-20-205904	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.159	1.6	0.234	mg/L	—	—	0.033	Y	—	J+	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	221.0	—	37.8	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	54.1*i	µg/L	—	—	30.0	Y	U	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*i	µg/L	—	—	0.5	Y	U	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	15.1	—	3.14	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	8.39*i	µg/L	—	—	2.0	Y	U	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2020-1528	CASA-20-205904	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.567	1000	2.9	µg/L	—	—	0.2	Y	J	J	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	14.8	200	3.65	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.27	10	0.459	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.845	13.8	0.27	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.04	—	2.35	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*i	µg/L	—	—	2.0	Y	U	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.7	—	75	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*i	µg/L	—	—	0.3	Y	U	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	21.0	—	18.2	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	713.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	283.0	11800	59.6	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	93.2	600	7.1	mg/L	—	—	2.66	Y	—	J+	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1528	CASA-20-205904	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*i	µg/L	—	—	0.6	Y	U	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	12.7	12000	13*i	µg/L	—	—	2.5	Y	—	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	423.0	1000	135*i	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.252	—	0.173*i	mg/L	—	—	0.033	Y	—	U	N3B-2020-1528	CASA-20-205904	GELC
SCI-2	548.0	08/06/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.72	—	1.35	mg/L	—	—	0.33	Y	J	J	N3B-2020-1528	CASA-20-205904	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0843	—	0.178*i	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.28	30	0.992	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.18	63.1	9.29	µg/L	—	—	1.0	Y	J	J	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.12	10000	17.4*i	µg/L	—	—	3.3	Y	J	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.4	—	62	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	680.0	5000	68*i	µg/L	—	—	680.0	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0764	—	0.0606*i	mg/L	—	—	0.017	Y	—	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*i	µg/L	—	—	1.0	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.39	10	2.82*i	µg/L	—	—	2.0	Y	J	J	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	N	10.0	2000	13.5	µg/L	—	—	10.0	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	10.0	4	1*i	µg/L	—	—	10.0	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	150.0	750	16.2*i	µg/L	—	—	150.0	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.754	—	0.0716*i	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	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-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	N	0.5	—	10.7	mg/L	—	—	0.5	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	71.0	250	3.11	mg/L	—	—	1.34	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	262.0	50	2.72*i	µg/L	—	—	15.0	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	10.0	50	1*i	µg/L	—	—	10.0	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	30.0	1000	3*i	µg/L	—	—	30.0	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00408	0.2	0.0017*i	mg/L	—	—	0.00167	Y	J	J	N3B-2020-757	CASA-20-192766	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.21	1.6	0.234	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	N	4.53	—	37.8	mg/L	—	—	4.53	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	300.0	1000	54.1*i	µg/L	—	—	300.0	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*i	µg/L	—	—	0.5	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	N	1.1	—	3.14	mg/L	—	—	1.1	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	8.39*i	µg/L	—	—	2.0	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	µg/L	—	—	0.067	Y	U	U	N3B-2020-757	CASA-20-192766	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.564	1000	2.9	µg/L	—	—	0.2	Y	J	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	15.3	200	3.65	µg/L	—	—	0.6	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.35	10	0.459	mg/L	—	—	0.17	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.89	13.8	0.27	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.0	—	2.35	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*i	µg/L	—	—	2.0	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	N	0.53	—	75	mg/L	—	—	0.53	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*i	µg/L	—	—	0.3	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	N	1.0	—	18.2	mg/L	—	—	1.0	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	589.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	N	10.0	11800	59.6	µg/L	—	—	10.0	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	81.6	600	7.1	mg/L	—	—	2.66	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-757	CASA-20-192766	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*i	µg/L	—	—	0.6	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*i	µg/L	—	—	25.0	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	430.0	1000	135*i	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.207	—	0.173*i	mg/L	—	—	0.033	Y	—	J+	N3B-2020-757	CASA-20-192766	GELC
SCI-2	548.0	01/23/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.633	—	1.35	mg/L	—	—	0.33	Y	J	J	N3B-2020-757	CASA-20-192766	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0509	—	0.178*i	mg/L	—	—	0.02	Y	—	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.56	30	0.992	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	10.0	63.1	9.29	µg/L	—	—	10.0	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	33.0	10000	17.4*i	µg/L	—	—	33.0	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.3	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	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-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	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-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	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-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.8	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	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-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.2	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	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-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.9	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.23	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.81	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	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-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	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-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	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-2021-91	CAMO-21-208208	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.316	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.23	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-91	CAMO-21-208208	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	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-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	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-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.723	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.424	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.37	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.8	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.6	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.77	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-91	CAMO-21-208208	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.95	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	117.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2021-91	CAMO-21-208208	GELC
SIMR-2	885.0	10/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.365	—	1.08	mg/L	—	—	0.33	Y	J	J	N3B-2021-91	CAMO-21-208208	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.129	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.468	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.4	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.44	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.9	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0246	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	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-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26.6	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.5	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	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-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.5	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.39	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.34	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	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-2020-1907	CAMO-20-206027	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.273	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.0	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.57	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1907	CAMO-20-206027	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.13	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.71	10	0.769	mg/L	—	—	0.017	Y	—	J-	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.401	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.0	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.93	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1907	CAMO-20-206027	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	UJ	N3B-2020-1907	CAMO-20-206027	GELC
SIMR-2	885.0	09/25/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.451	—	1.08	mg/L	—	—	0.33	Y	J	U	N3B-2020-1907	CAMO-20-206027	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0458	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.475	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.26	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	13.0	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.9	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0184	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.04	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	16.5	750	18.7*r	µg/L	—	—	15.0	Y	J	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	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-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.6	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.31	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.73	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	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-2020-1569	CAMO-20-198959	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.313	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.7	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.24	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1569	CAMO-20-198959	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.09	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.745	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.568	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.37	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.7	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	130.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.8	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.86	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1569	CAMO-20-198959	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137.0	1000	161	mg/L	—	—	3.4	Y	—	J	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1569	CAMO-20-198959	GELC
SIMR-2	885.0	08/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1569	CAMO-20-198959	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0325	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.529	20000	2.06*r	pCi/L	0.993	2.958	—	Y	UQ	UJ	N3B-2020-1592	CAMO-20-198959	ARSL
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.397	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.44	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	9.29	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0244	—	0.1*r	mg/L	—	—	0.017	Y	J	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	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-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.4	750	18.7*r	µg/L	—	—	15.0	Y	J	J	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	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-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.9	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.51	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.98	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	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-2020-1362	CAMO-20-205444	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.426	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.3	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.06	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1362	CAMO-20-205444	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.06	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.757	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.417	13.8	0.414	µg/L	—	—	0.05	Y	—	J	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.27	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.64	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.8	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.84	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1362	CAMO-20-205444	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-1362	CAMO-20-205444	GELC
SIMR-2	885.0	07/22/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1362	CAMO-20-205444	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0447	—	0.0822*r	mg/L	—	—	0.02	Y	J	J	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.441	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.59	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.97	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.1	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0808	—	0.1*r	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.5	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.0	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	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-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	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-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.3	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.23	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.18	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	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-2020-1239	CAMO-20-198587	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.472	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	50.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.68	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1239	CAMO-20-198587	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.13	1000	2.5	µg/L	—	—	0.2	Y	—	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.781	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.411	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	82.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	59.7	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.81	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1239	CAMO-20-198587	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25.0	12000	13*r	µg/L	—	—	25.0	Y	U	U	N3B-2020-1239	CAMO-20-198588	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139.0	1000	161	mg/L	—	—	3.4	Y	—	J+	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0407	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-1239	CAMO-20-198587	GELC
SIMR-2	885.0	06/29/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1239	CAMO-20-198587	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.685	—	0.0822*r	mg/L	—	—	0.02	Y	—	J+	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.431	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.45	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.41	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0551	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.22	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.4	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	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-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	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-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.2	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.49	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.29	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	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-2020-1137	CAMO-20-196259	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.351	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.5	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.42	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1137	CAMO-20-196259	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.17	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.705	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	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-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.38	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	98.1	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.9	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.82	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1137	CAMO-20-196259	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.62	12000	13*r	µg/L	—	—	2.5	Y	J	J	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0534	—	0.165*r	mg/L	—	—	0.033	Y	J	J	N3B-2020-1137	CAMO-20-196259	GELC
SIMR-2	885.0	03/18/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-1137	CAMO-20-196259	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0936	—	0.0822*r	mg/L	—	—	0.02	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.441	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.07	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.9	10000	14.4*r	µg/L	—	—	3.3	Y	J	J	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.5	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.7	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.1*r	mg/L	—	—	0.017	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.095	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	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-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	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-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	2000	38.1	µg/L	—	—	1.0	Y	E	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	23.5	2000	38.1	µg/L	—	—	1.0	Y	E	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	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-2020-918	CAMO-20-193979	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
SIMR-2	885.0	02/19/2020	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-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	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-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	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-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.21	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.25	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.59	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.31	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	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-2020-918	CAMO-20-193978	GELC
SIMR-2	885.0	02/19/2020	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-2020-918	CAMO-20-194125	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.245	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.254	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.8	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.9	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.27	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.24	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-918	CAMO-20-193978	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-918	CAMO-20-194125	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.26	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.2	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.715	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.72	10	0.769	mg/L	—	—	0.085	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.431	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.455	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.4	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.89	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	9.98	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.8	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.1	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.72	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.72	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-918	CAMO-20-193978	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-918	CAMO-20-194125	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	µg/L	—	—	2.5	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	121.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	113.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0359	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-918	CAMO-20-193978	GELC
SIMR-2	885.0	02/19/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0885	—	0.165*r	mg/L	—	—	0.033	Y	J	U	N3B-2020-918	CAMO-20-194125	GELC
SIMR-2	885.0	02/19/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-918	CAMO-20-193978	GELC
SIMR-2	885.0	02/19/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-918	CAMO-20-194125	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.108	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0917	—	0.0822*r	mg/L	—	—	0.02	Y	—	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.437	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.436	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	Report Unit	Lab Uncertainty	Report MDA	Report MDL	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.68	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.62	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.46	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	5.47	10000	14.4*r	µg/L	—	—	3.3	Y	J	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.0	—	—	SU	—	—	0.01	Y	H	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	mg/L	—	—	1.45	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	72.9	mg/L	—	—	1.45	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	µg/L	—	—	68.0	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0759	—	0.1*r	mg/L	—	—	0.017	Y	—	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.88	10	2.7*r	µg/L	—	—	2.0	Y	J	J	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.6	2000	38.1	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	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-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	mg/L	—	—	0.067	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	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-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.0	—	17.03	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.18	250	2.7	mg/L	—	—	0.067	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.22	50	7.48	µg/L	—	—	3.0	Y	J	J	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	µg/L	—	—	1.0	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	µg/L	—	—	3.0	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	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-2020-707	CAMO-20-192763	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.319	1.6	0.377	mg/L	—	—	0.033	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.4	—	67.1	mg/L	—	—	0.453	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	µg/L	—	—	30.0	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	µg/L	—	—	0.5	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.03	—	4.18	mg/L	—	—	0.11	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	µg/L	—	—	0.067	Y	U	U	N3B-2020-707	CAMO-20-192763	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.13	1000	2.5	µg/L	—	—	0.2	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	µg/L	—	—	0.6	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.754	10	0.769	mg/L	—	—	0.017	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.45	13.8	0.414	µg/L	—	—	0.05	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.43	—	2.39	mg/L	—	—	0.05	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	µg/L	—	—	2.0	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	81.9	mg/L	—	—	0.053	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	µg/L	—	—	0.3	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	16	mg/L	—	—	0.1	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	103.0	—	—	µs/cm	—	—	1.0	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51.5	11800	157	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.74	600	4.59	mg/L	—	—	0.133	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	deg C	—	—	—	Y	—	NQ	N3B-2020-707	CAMO-20-192763	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	µg/L	—	—	0.6	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	6.59	12000	13*r	µg/L	—	—	2.5	Y	J	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160.0	1000	161	mg/L	—	—	3.4	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	mg/L	—	—	0.033	Y	U	U	N3B-2020-707	CAMO-20-192763	GELC
SIMR-2	885.0	01/16/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	mg/L	—	—	0.33	Y	U	U	N3B-2020-707	CAMO-20-192763	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0391	—	0.0822*r	mg/L	—	—	0.02	Y	J	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.394	20000	2.06*r	pCi/L	0.93	2.986	—	Y	U	U	N3B-2020-739	CAMO-20-192763	ARSL
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.431	30	1.19	µg/L	—	—	0.067	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.83	63.1	11.4	µg/L	—	—	1.0	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	µg/L	—	—	3.3	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
MCOI-6	686.0	11/09/2020	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-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.35	—	—	0.01	SU	Y	H	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	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-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.57	—	—	0.01	SU	Y	H	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.58	—	—	0.01	SU	Y	H	J-	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.4	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0215	0.0102	0.0675	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00618	0.00618	0.0413	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00312	0.0104	0.0745	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00756	0.00667	0.0448	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00713	0.0123	0.0592	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0468	—	—	0.017	mg/L	Y	J	J	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.187	—	—	0.017	mg/L	Y	—	J+	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0402	—	—	0.017	mg/L	Y	J	J	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0525	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0198	—	—	0.017	mg/L	Y	J	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.13	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0437	—	—	0.017	mg/L	Y	J	U	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.28	—	—	2	µg/L	Y	J	J	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.49	—	—	2	µg/L	Y	J	J	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38	—	—	1	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	34.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.3	—	—	1	µg/L	Y	*	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.298	—	—	0.288	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.333	—	—	0.313	µg/L	Y	J	J	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.313	—	—	0.313	µg/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	58.6	—	—	15	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	51.3	—	—	15	µg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	50.7	—	—	15	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	47.8	—	—	15	µg/L	Y	J	J	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	55.3	—	—	15	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.459	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.496	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.481	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.524	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.502	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.47	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.494	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	59.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	57.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	57.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	60.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	59.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	60.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	59.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.27	1.31	3.89	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.959	1.02	3.59	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.17	0.898	3.27	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.06	0.856	2.84	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.99	1.45	5.81	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	46.5	—	—	0.67	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	49.4	—	—	0.67	mg/L	Y	—	J+	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	49.4	—	—	0.67	mg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	52.1	—	—	0.67	mg/L	Y	—	J+	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	49.9	—	—	0.67	mg/L	Y	H	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	50.8	—	—	0.67	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	51.4	—	—	0.67	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	60.1	—	—	3	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	61	—	—	3	µg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	62.4	—	—	3	µg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	66.5	—	—	3	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	63.7	—	—	3	µg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	64.6	—	—	3	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	68.2	—	—	3	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.35	1.27	4.54	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.39	1.35	4.93	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.26	0.862	2.79	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.952	1.1	3.88	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.361	1.49	5.87	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	12.1	—	—	3	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	6.7	—	—	3	µg/L	Y	J	J	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	4.88	—	—	3	µg/L	Y	J	J	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	4.45	—	—	3	µg/L	Y	J	J	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	5.23	—	—	3	µg/L	Y	J	J	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	11.6	—	—	3	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	4.76	—	—	3	µg/L	Y	J	J	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00209	—	—	0.00167	mg/L	Y	J	J	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00277	—	—	0.00167	mg/L	Y	J	J	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	01/13/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	N3B-2020-677	CAMO-20-192613	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00291	—	—	0.00167	mg/L	Y	J	J	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	07/23/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00318	—	—	0.00167	mg/L	Y	J	J	N3B-2019-2631	CAMO-19-181825	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00202	—	—	0.00167	mg/L	Y	J	J	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10	—	—	2.88	µg/L	Y	—	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	25	—	—	1	µg/L	Y	—	J	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	14.1	—	—	3	µg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	12.1	—	—	3	µg/L	N	—	J	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	28.3	—	—	0.4	µg/L	Y	—	J	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	10.1	—	—	3.13	µg/L	Y	J	J	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	12.9	—	—	3.13	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	05/10/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	13.8	—	—	3.23	µg/L	Y	—	NQ	2018-2538	CAMO-18-153982	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.502	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.594	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.499	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.493	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.668	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.577	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.531	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.2	0.845	2.83	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.86	0.823	2.91	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.777	0.793	2.94	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.113	0.745	2.91	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.03	0.657	2.18	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.67	0.843	2.43	—	pCi/L	Y	—	NQ	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.86	0.929	2.19	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.681	0.656	2.22	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3	0.961	2.88	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.942	0.666	2.22	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	197	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	193	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	189	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	202	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	199	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	200	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	200	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	11.8	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	11.9	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	11.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	12.4	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	12.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	12.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	12.5	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.8	—	—	2	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.95	—	—	2	µg/L	Y	J	J	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.35	—	—	2	µg/L	Y	J	J	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.21	—	—	2	µg/L	Y	J	J	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.14	—	—	2	µg/L	Y	J	J	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.07	—	—	2	µg/L	Y	J	J	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.09	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.15	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.03	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.3	—	—	0.2	µg/L	Y	—	J+	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.92	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.99	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.41	2.2	7.78	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.584	2.33	8.22	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.59	1.66	5.56	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.374	1.62	5.33	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.54	2.42	7.93	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	25	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	23.4	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	27.1	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	24.7	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	17.4	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	18.2	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	18.8	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.9	—	—	0.425	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.6	—	—	0.425	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	12.3	—	—	0.17	mg/L	Y	—	J+	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.4	—	—	0.85	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	12.4	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	11.1	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	12.8	—	—	0.85	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	97.9	—	—	5	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	73.7	—	—	5	µg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	96.6	—	—	5	µg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	94.9	—	—	5	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	86.1	—	—	5	µg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	93.6	—	—	5	µg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	109	—	—	5	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	0.68	—	—	0.572	ng/L	Y	J	J	N3B-2021-340	CAMO-21-210517	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.586	—	—	0.586	ng/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00474	0.00948	0.0549	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00781	0.0101	0.0472	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0161	0.0137	0.0466	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0299	0.0263	0.0733	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0243	0.0151	0.0469	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00237	0.00786	0.0613	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00521	0.011	0.0458	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00269	0.0129	0.0512	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00995	0.0211	0.105	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0263	0.00926	0.0354	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.805	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.777	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	N	0.05	—	—	0.05	mg/L	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.973	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.778	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.858	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.05	15.9	64.2	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.24	23.8	48.2	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	28	18.3	28.8	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.6	13.4	50	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	30.9	20.9	42.9	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.156	0.0738	0.213	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.292	0.0911	0.186	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	08/12/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.197	0.13	0.44	—	pCi/L	Y	U	U	08-1657	CAMO-08-14500	GELC
MCOI-6	686.0	02/22/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.583	0.24	0.69	—	pCi/L	Y	U	U	08-685	CAMO-08-10427	GELC
MCOI-6	686.0	11/09/2007	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.201	0.12	0.38	—	pCi/L	Y	U	U	08-145	CASA-08-7610	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.267	0.147	—	—	pCi/L	Y	—	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.01	0.234	—	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.111	0.127	0.448	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.721	0.216	0.652	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	08/12/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.269	0.14	0.44	—	pCi/L	Y	U	U	08-1657	CAMO-08-14500	GELC
MCOI-6	686.0	02/22/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.469	0.18	0.48	—	pCi/L	Y	U	U	08-685	CAMO-08-10427	GELC
MCOI-6	686.0	11/09/2007	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.919	0.25	0.59	—	pCi/L	Y	—	NQ	08-145	CASA-08-7610	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.3	—	—	0.053	mg/L	Y	E	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	25.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	23.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	24.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	27.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	25	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	26.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	25.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.689	1.11	4.18	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.328	1.17	4.31	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0377	0.86	3.12	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.184	0.749	3.04	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.578	1.08	4.68	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	545	—	—	1	µS/cm	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	546	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	471	—	—	1	µS/cm	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	535	—	—	1	µS/cm	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	560	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	551	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	546	—	—	1	µS/cm	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	272	—	—	1	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	231	—	—	1	µg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	248	—	—	1	µg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	275	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	261	—	—	1	µg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	270	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	263	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0453	0.135	0.486	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.288	0.15	0.491	—	pCi/L	Y	U	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.091	0.0844	0.296	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.115	0.11	0.446	—	pCi/L	Y	U	U	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.25	0.106	0.49	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	46.8	—	—	1.33	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	49	—	—	1.33	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	48.6	—	—	1.33	mg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	52.2	—	—	1.33	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	50.1	—	—	1.33	mg/L	Y	H	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	50	—	—	1.33	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	50.1	—	—	1.33	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	01/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-677	CAMO-20-192613	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	07/23/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-2631	CAMO-19-181825	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1916	CAMO-19-175133	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	01/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-739	CAMO-19-165955	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	9.95	—	—	2.5	µg/L	Y	J	J	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	250	—	—	250	µg/L	Y	U	U	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	33.3	—	—	2.5	µg/L	Y	—	J+	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	369	—	—	3.4	mg/L	Y	—	J+	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	421	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	370	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	374	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	374	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	483	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	527	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.145	—	—	0.033	mg/L	Y	—	J+	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	01/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0714	—	—	0.033	mg/L	Y	J	U	N3B-2020-677	CAMO-20-192613	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.128	—	—	0.033	mg/L	Y	—	U	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	07/23/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-2631	CAMO-19-181825	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.613	—	—	0.33	mg/L	Y	J	J	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	08/17/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.691	—	—	0.33	mg/L	Y	J	J	N3B-2020-1577	CAMO-20-205882	GELC
MCOI-6	686.0	01/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.773	—	—	0.33	mg/L	Y	J	J	N3B-2020-677	CAMO-20-192613	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.609	—	—	0.33	mg/L	Y	J	J	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	07/23/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.859	—	—	0.33	mg/L	Y	J	J	N3B-2019-2631	CAMO-19-181825	GELC
MCOI-6	686.0	05/13/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.79	—	—	0.33	mg/L	Y	HJ	J	N3B-2019-2011	CAMO-19-175133	GELC
MCOI-6	686.0	01/09/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.756	—	—	0.33	mg/L	Y	J	J	N3B-2019-739	CAMO-19-165955	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	0.68	—	—	—	ng/L	Y	J	J	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	0.805	—	—	0.71	ng/L	Y	J	J	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.118	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0496	—	—	0.02	mg/L	Y	J	J	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0656	—	—	0.02	mg/L	Y	—	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.159	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.146	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0635	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	2850	112	118	—	pCi/L	Y	—	NQ	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	3200	111	141	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	3080	98.2	118	—	pCi/L	Y	—	NQ	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	3200	107	145	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	2960	105	141	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.775	—	—	0.067	µg/L	Y	—	J+	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.743	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.784	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.843	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.754	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.803	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.815	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.698	0.085	0.19	—	pCi/L	Y	—	NQ	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.596	0.0432	0.0599	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.63	0.0447	0.101	—	pCi/L	Y	—	NQ	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.721	0.0424	0.116	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.808	0.0491	0.128	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0484	0.0272	0.164	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0478	0.0144	0.0429	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0183	0.0122	0.0977	—	pCi/L	Y	U	U	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.106	0.0184	0.0501	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0581	0.0154	0.0861	—	pCi/L	Y	U	U	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.202	0.0486	0.173	—	pCi/L	Y	—	NQ	N3B-2021-340	CAMO-21-210517	GELC
MCOI-6	686.0	11/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.201	0.0253	0.0701	—	pCi/L	Y	—	NQ	N3B-2020-354	CAMO-20-189135	GELC
MCOI-6	686.0	11/08/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.294	0.0315	0.0995	—	pCi/L	Y	—	NQ	N3B-2019-425	CAMO-19-163971	GELC
MCOI-6	686.0	11/09/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.351	0.029	0.0678	—	pCi/L	Y	—	NQ	2018-854	CAMO-18-148071	GELC
MCOI-6	686.0	11/08/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.394	0.0343	0.0977	—	pCi/L	Y	—	NQ	2017-396	CAMO-17-127223	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.28	—	—	1	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.31	—	—	1	µg/L	Y	J	J	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.09	—	—	1	µg/L	Y	J	J	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.22	—	—	1	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	30	—	—	3.3	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210516	GELC
MCOI-6	686.0	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	32.1	—	—	3.3	µg/L	Y	—	J+	N3B-2020-1577	CAMO-20-205883	GELC
MCOI-6	686.0	01/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	33.2	—	—	3.3	µg/L	Y	—	NQ	N3B-2020-677	CAMO-20-192612	GELC
MCOI-6	686.0	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	23.6	—	—	3.3	µg/L	Y	—	NQ	N3B-2020-354	CAMO-20-189134	GELC
MCOI-6	686.0	07/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	30.1	—	—	3.3	µg/L	Y	—	J+	N3B-2019-2631	CAMO-19-181824	GELC
MCOI-6	686.0	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	24.5	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175132	GELC
MCOI-6	686.0	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	24.5	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-739	CAMO-19-165954	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	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	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	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-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	J-	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	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-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67	—	—	1.45	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.838	—	—	0.017	mg/L	Y	—	J+	N3B-2020-1577	CAMO-20-205907	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-1	1031.1	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0317	—	—	0.017	mg/L	Y	J	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0527	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0361	—	—	0.017	mg/L	Y	J	J	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0175	—	—	0.017	mg/L	Y	J	J	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.027	—	—	0.017	mg/L	Y	J	J	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3	—	—	2	µg/L	Y	J	J	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.8	—	—	2	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.78	—	—	2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.28	—	—	2	µg/L	Y	J	J	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.25	—	—	2	µg/L	Y	J	J	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	2.29	—	—	2	µg/L	Y	J	J	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	12.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	13	—	—	1	µg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	13.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	11.8	—	—	1	µg/L	Y	*	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	13.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	13.1	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	13.3	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.04	—	—	0.067	mg/L	Y	—	J+	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.91	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.82	—	—	0.067	mg/L	Y	—	J-	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.88	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	—	0.067	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.82	—	—	0.067	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.81	—	—	3	µg/L	Y	J	J	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.29	—	—	3	µg/L	Y	J	J	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.68	—	—	3	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.68	—	—	3	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.75	—	—	3	µg/L	Y	J	J	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.55	—	—	3	µg/L	Y	J	J	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	5.84	—	—	3	µg/L	Y	J	J	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.243	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.24	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.267	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.256	—	—	0.033	mg/L	Y	—	J-	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.129	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.152	—	—	0.033	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.181	—	—	0.033	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.5	—	—	0.453	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	—	0.453	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.73	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.01	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.82	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.96	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.27	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.07	—	—	0.11	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.14	—	—	0.11	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.913	—	—	0.2	µg/L	Y	J	J	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.19	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.918	—	—	0.2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.98	—	—	0.2	µg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.2	µg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.62	—	—	0.6	µg/L	Y	J	J	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.48	—	—	0.6	µg/L	Y	J	J	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.24	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	2.97	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	2.77	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	2.7	—	—	0.6	µg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	Y	2.74	—	—	0.6	µg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.313	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.331	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.349	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.347	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	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-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.429	—	—	0.017	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.427	—	—	0.017	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.34	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.354	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.336	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.35	—	—	0.05	µg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.391	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.327	—	—	0.05	µg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.312	—	—	0.05	µg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.63	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.63	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.67	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.67	—	—	0.05	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	77	—	—	0.053	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.9	—	—	0.053	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µS/cm	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121	—	—	1	µS/cm	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	1	µS/cm	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.5	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.14	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.07	—	—	0.133	mg/L	Y	—	J-	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.31	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.2	—	—	0.133	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.18	—	—	0.133	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-408	CAMO-21-210524	GELC
R-1	1031.1	08/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1577	CAMO-20-205906	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	11/08/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-295	CAMO-20-189351	GELC
R-1	1031.1	05/13/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1916	CAMO-19-175137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	11/08/2018	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-425	CAMO-19-163975	GELC
R-1	1031.1	05/10/2018	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2538	CAMO-18-153986	GELC
R-1	1031.1	05/10/2018	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2538	CAMO-18-153988	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	5.09	—	—	2.5	µg/L	N	J	R	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.3	—	—	2.5	µg/L	Y	J	J	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	9.2	—	—	2.5	µg/L	Y	J	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.23	—	—	2.5	µg/L	Y	J	J	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	190	—	—	3.4	mg/L	Y	—	J	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	200	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0865	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0355	—	—	0.02	mg/L	Y	J	J	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.042	—	—	0.02	mg/L	Y	J	J	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.041	—	—	0.02	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	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-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0354	—	—	0.02	mg/L	Y	J	J	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0323	—	—	0.02	mg/L	Y	J	J	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.905	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.866	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.93	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.793	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.764	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.807	—	—	0.067	µg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.833	—	—	0.067	µg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC
R-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.43	—	—	1	µg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.76	—	—	1	µg/L	Y	—	NQ	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.45	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-425	CAMO-19-163974	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.83	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153985	GELC
R-1	1031.1	05/10/2018	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	8.09	—	—	1	µg/L	Y	—	NQ	2018-2538	CAMO-18-153987	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-1	1031.1	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.39	—	—	3.3	µg/L	Y	J	J	N3B-2021-408	CAMO-21-210523	GELC
R-1	1031.1	08/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.74	—	—	3.3	µg/L	Y	J	U	N3B-2020-1577	CAMO-20-205907	GELC
R-1	1031.1	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.56	—	—	3.3	µg/L	Y	J	U	N3B-2020-295	CAMO-20-189137	GELC
R-1	1031.1	05/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-2011	CAMO-19-175136	GELC
R-1	1031.1	11/08/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.17	—	—	3.3	µg/L	Y	J	J	N3B-2019-425	CAMO-19-163974	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	J	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	J	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	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-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	0.01	SU	Y	H	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	0.01	SU	Y	H	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.34	—	—	0.01	SU	Y	H	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	0.01	SU	Y	H	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	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-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	0.01	SU	Y	H	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	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-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	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-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	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-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.2	—	—	0.01	SU	Y	H	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	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-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	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-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	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-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	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-2019-3294	CASA-19-186487	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.57	—	—	1.45	mg/L	Y	J	J	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0308	—	—	0.017	mg/L	Y	J	J	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	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-2021-287	CASA-21-210528	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0787	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0444	—	—	0.017	mg/L	Y	J	J	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0952	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0401	—	—	0.017	mg/L	Y	J	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	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-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0424	—	—	0.017	mg/L	Y	J	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0325	—	—	0.017	mg/L	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.95	—	—	2	µg/L	Y	J	J	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.86	—	—	2	µg/L	Y	J	J	N3B-2021-551	CASA-21-211025	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.14	—	—	2	µg/L	Y	J	J	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	4.18	—	—	2	µg/L	Y	J	J	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.32	—	—	2	µg/L	Y	J	J	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.79	—	—	2	µg/L	Y	J	J	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.03	—	—	2	µg/L	Y	J	J	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.12	—	—	2	µg/L	Y	J	J	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.08	—	—	2	µg/L	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.76	—	—	2	µg/L	Y	J	J	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	3.71	—	—	2	µg/L	Y	J	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.78	—	—	2	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40	—	—	1	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	40.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	44.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	44	—	—	1	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	42	—	—	1	µg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	42	—	—	1	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	43	—	—	1	µg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	44	—	—	1	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	42.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	43.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	39.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	29.3	—	—	15	µg/L	Y	J	J	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	29.5	—	—	15	µg/L	Y	J	J	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	34.7	—	—	15	µg/L	Y	J	J	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	35.9	—	—	15	µg/L	Y	J	J	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	35.5	—	—	15	µg/L	Y	J	J	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	35.2	—	—	15	µg/L	Y	J	J	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	34	—	—	15	µg/L	Y	J	J	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	32.7	—	—	15	µg/L	Y	J	J	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	35.2	—	—	15	µg/L	Y	J	J	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	32.5	—	—	15	µg/L	Y	J	J	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	32.1	—	—	15	µg/L	Y	J	J	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	35.4	—	—	15	µg/L	Y	J	J	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	33.2	—	—	15	µg/L	Y	J	J	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	39.4	—	—	15	µg/L	Y	J	J	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.7	—	—	15	µg/L	Y	J	J	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	27.7	—	—	15	µg/L	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	28.4	—	—	15	µg/L	Y	J	J	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	26.7	—	—	15	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	26.4	—	—	15	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0786	—	—	0.067	mg/L	Y	J	J	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0736	—	—	0.067	mg/L	Y	J	J	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0826	—	—	0.067	mg/L	Y	J	J	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.87	—	—	0.067	mg/L	Y	—	J+	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.84	—	—	0.067	mg/L	Y	—	J+	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.82	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.87	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.71	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.61	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.94	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.56	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.67	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.61	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.26	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.09	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.29	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.03	—	—	0.067	mg/L	Y	—	J+	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.95	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.77	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.81	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.74	—	—	0.067	mg/L	Y	—	J+	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.73	—	—	0.067	mg/L	Y	—	J+	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	11.3	—	—	3	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	10.4	—	—	3	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	15.4	—	—	3	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	15.1	—	—	3	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.82	—	—	3	µg/L	Y	J	J	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.49	—	—	3	µg/L	Y	J	J	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.72	—	—	3	µg/L	Y	J	J	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.82	—	—	3	µg/L	Y	J	J	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.01	—	—	3	µg/L	Y	J	J	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.37	—	—	3	µg/L	Y	J	J	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	14.2	—	—	3	µg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	14.2	—	—	3	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	13.1	—	—	3	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	14.6	—	—	3	µg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	12.4	—	—	3	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	7.78	—	—	3	µg/L	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.47	—	—	3	µg/L	Y	J	J	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.67	—	—	3	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.72	—	—	3	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.406	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.408	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.574	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.579	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.558	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.422	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.415	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.573	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.566	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.616	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.493	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.397	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.406	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.452	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.514	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.457	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.592	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.46	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.466	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	81.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	80.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	86.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	85.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	82.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	86.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	81.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	81.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	86	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	86.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	81	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	82.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	79.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	83.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	85.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	82.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	80.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	82.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	83.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	02/13/2020	WG	F	RE	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1166	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	RE	REG	Inorganic	SW-846:6020B	Iron	Fe	N	33	—	—	33	µg/L	N	U	U	N3B-2020-1166	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	RE	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1166	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	RE	FD	Inorganic	SW-846:6020B	Iron	Fe	N	33	—	—	33	µg/L	N	U	U	N3B-2020-1166	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	N	U	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	Y	220	—	—	30	µg/L	N	—	R	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	186	—	—	30	µg/L	Y	*	R	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.17	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.09	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.22	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.13	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.69	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.95	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.33	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.03	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.74	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.89	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.41	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.69	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.16	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.12	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.12	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.25	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.25	—	—	2	µg/L	Y	J	J	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.62	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.54	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.74	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.7	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.56	—	—	0.2	µg/L	Y	—	J+	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.59	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.56	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.4	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.43	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.55	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.54	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.4	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.46	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.58	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.92	—	—	0.2	µg/L	Y	—	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.62	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.949	—	—	0.6	µg/L	Y	J	J	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.06	—	—	0.6	µg/L	Y	J	J	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.13	—	—	0.6	µg/L	Y	J	J	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.795	—	—	0.6	µg/L	Y	J	J	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	1.1	—	—	0.6	µg/L	Y	J	U	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.53	—	—	0.425	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.4	—	—	0.425	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.6	—	—	0.425	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.45	—	—	0.425	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.78	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.84	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.25	—	—	0.85	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.69	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.74	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.76	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.27	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.7	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	6.4	—	—	0.85	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.22	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.98	—	—	0.425	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.37	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.68	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.67	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.63	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.784	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.82	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.774	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.726	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-11	855.0	10/06/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.754	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.769	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.669	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.739	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.744	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.731	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.813	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.821	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.796	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.722	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.783	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.748	—	—	0.05	µg/L	Y	—	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.705	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.778	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.758	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	J+	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	J+	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.57	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.57	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.61	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.45	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	J+	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	238	—	—	1	µS/cm	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	235	—	—	1	µS/cm	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	1	µS/cm	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	233	—	—	1	µS/cm	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	212	—	—	1	µS/cm	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	250	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	269	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	270	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	202	—	—	1	µS/cm	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µS/cm	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	1	µS/cm	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	202	—	—	1	µS/cm	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	199	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	200	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	86.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	86.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	97.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	96.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	93.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	95.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	97.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	96.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	100	—	—	1	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	92.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	88.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	91.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	89.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	89.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	93.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	90.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	89.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	92.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	93.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.21	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.29	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.35	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.43	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.53	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.54	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.35	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.99	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.99	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10	—	—	0.133	mg/L	Y	—	J+	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	12/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-551	CASA-21-210991	GELC
R-11	855.0	12/08/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-551	CASA-21-211024	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-287	CASA-21-210526	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-287	CASA-21-210529	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	10/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-35	CASA-21-208124	GELC
R-11	855.0	09/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1722	CASA-20-205975	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	08/05/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2020-1520	CASA-20-198983	GELC
R-11	855.0	07/30/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-1453	CASA-20-205406	GELC
R-11	855.0	07/30/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-1453	CASA-20-205409	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	06/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1198	CASA-20-198492	GELC
R-11	855.0	03/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1098	CASA-20-196224	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	02/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-898	CASA-20-193859	GELC
R-11	855.0	02/13/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-898	CASA-20-194121	GELC
R-11	855.0	01/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-651	CASA-20-192830	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	12/04/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-447	CASA-20-190649	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	10/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-83	CASA-20-188125	GELC
R-11	855.0	09/16/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3294	CASA-19-186478	GELC
R-11	855.0	09/16/2019	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3294	CASA-19-186486	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.74	—	—	2.5	µg/L	Y	J	J	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	4.7	—	—	2.5	µg/L	Y	J	J	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.57	—	—	2.5	µg/L	Y	J	J	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.49	—	—	2.5	µg/L	Y	J	J	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	J+	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	213	—	—	3.4	mg/L	Y	—	J+	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	209	—	—	3.4	mg/L	Y	—	J+	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	J+	N3B-2021-287	CASA-21-210528	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-11	855.0	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	207	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	261	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	243	—	—	3.4	mg/L	Y	—	J	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	193	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	3.4	mg/L	Y	—	J+	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	193	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	220	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	219	—	—	3.4	mg/L	Y	—	J+	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	230	—	—	3.4	mg/L	Y	—	J+	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0617	—	—	0.033	mg/L	Y	J	J	N3B-2021-551	CASA-21-210991	GELC
R-11	855.0	12/08/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.261	—	—	0.033	mg/L	Y	—	J	N3B-2021-551	CASA-21-211024	GELC
R-11	855.0	01/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.033	—	—	0.033	mg/L	Y	J	J+	N3B-2020-651	CASA-20-192830	GELC
R-11	855.0	12/04/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.153	—	—	0.033	mg/L	Y	—	U	N3B-2020-447	CASA-20-190649	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	10/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-83	CASA-20-188125	GELC
R-11	855.0	09/16/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0888	—	—	0.033	mg/L	Y	J	U	N3B-2019-3294	CASA-19-186478	GELC
R-11	855.0	09/16/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.106	—	—	0.033	mg/L	Y	—	U	N3B-2019-3294	CASA-19-186486	GELC
R-11	855.0	06/23/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.377	—	—	0.33	mg/L	Y	J	J	N3B-2020-1198	CASA-20-198492	GELC
R-11	855.0	02/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.348	—	—	0.33	mg/L	Y	J	J	N3B-2020-898	CASA-20-193859	GELC
R-11	855.0	02/13/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-898	CASA-20-194121	GELC
R-11	855.0	01/08/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-651	CASA-20-192830	GELC
R-11	855.0	12/04/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-447	CASA-20-190649	GELC
R-11	855.0	11/18/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-372	CASA-20-189208	GELC
R-11	855.0	10/09/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-83	CASA-20-188125	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0563	—	—	0.02	mg/L	Y	—	J	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.031	—	—	0.02	mg/L	Y	J	J	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0614	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0856	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.122	—	—	0.02	mg/L	Y	—	U	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.155	—	—	0.02	mg/L	Y	—	U	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0361	—	—	0.02	mg/L	Y	J	U	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	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-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.021	—	—	0.02	mg/L	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	11/03/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	216.861	32.648	3.145	—	pCi/L	Y	—	J	N3B-2021-301	CASA-21-210526	ARSL
R-11	855.0	11/03/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	79.015	11.994	3.146	—	pCi/L	Y	—	J	N3B-2021-301	CASA-21-210529	ARSL
R-11	855.0	08/05/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.215	0.899	3.028	—	pCi/L	Y	U	U	N3B-2020-1538	CASA-20-198983	ARSL
R-11	855.0	01/08/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.919	1.065	3.115	—	pCi/L	Y	U	U	N3B-2020-701	CASA-20-192830	ARSL
R-11	855.0	11/18/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.52	0.939	2.756	—	pCi/L	Y	U	U	N3B-2020-398	CASA-20-189208	ARSL
R-11	855.0	07/11/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.353	1.039	3.37	—	pCi/L	Y	U	U	N3B-2019-2583	CASA-19-182099	ARSL
R-11	855.0	05/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.618	0.91	3.029	—	pCi/L	Y	U	U	N3B-2019-1983	CASA-19-175183	ARSL
R-11	855.0	01/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	3.037	1.069	3.094	—	pCi/L	Y	U	U	N3B-2019-773	CASA-19-166011	ARSL
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.782	—	—	0.067	µg/L	Y	—	J+	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.727	—	—	0.067	µg/L	Y	—	J+	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.777	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.781	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.753	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.768	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.727	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.717	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.747	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.766	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.765	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.717	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.709	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.746	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.737	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.781	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.785	—	—	0.067	µg/L	Y	—	J+	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.7	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.707	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.19	—	—	1	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-210992	GELC
R-11	855.0	12/08/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	7.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-211025	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.33	—	—	1	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	7.87	—	—	1	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.23	—	—	1	µg/L	Y	—	NQ	N3B-2021-35	CASA-21-208125	GELC
R-11	855.0	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.47	—	—	1	µg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205976	GELC
R-11	855.0	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.67	—	—	1	µg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198984	GELC
R-11	855.0	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.96	—	—	1	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205407	GELC
R-11	855.0	07/30/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	7.09	—	—	1	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205410	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.47	—	—	1	µg/L	Y	—	NQ	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.33	—	—	1	µg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196225	GELC
R-11	855.0	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.44	—	—	1	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-193860	GELC
R-11	855.0	02/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	7.17	—	—	1	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-194122	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8	—	—	1	µg/L	Y	—	NQ	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.61	—	—	1	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.09	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.15	—	—	1	µg/L	Y	—	NQ	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	N	17	—	—	3.3	µg/L	Y	J	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Vanadium	V	N	18.3	—	—	3.3	µg/L	Y	J	U	N3B-2019-3294	CASA-19-186487	GELC
R-11	855.0	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	9.76	—	—	3.3	µg/L	Y	J	J	N3B-2021-287	CASA-21-210525	GELC
R-11	855.0	11/03/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	10.8	—	—	3.3	µg/L	Y	J	J	N3B-2021-287	CASA-21-210528	GELC
R-11	855.0	06/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	8.04	—	—	3.3	µg/L	Y	J	J	N3B-2020-1198	CASA-20-198493	GELC
R-11	855.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	13	—	—	3.3	µg/L	Y	J	J	N3B-2020-651	CASA-20-192771	GELC
R-11	855.0	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	8.08	—	—	3.3	µg/L	Y	J	J	N3B-2020-447	CASA-20-190650	GELC
R-11	855.0	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.41	—	—	3.3	µg/L	Y	J	J	N3B-2020-372	CASA-20-189207	GELC
R-11	855.0	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	13.7	—	—	3.3	µg/L	Y	J	U	N3B-2020-83	CASA-20-188126	GELC
R-11	855.0	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Zinc	Zn	N	8.66	—	—	3.3	µg/L	Y	J	U	N3B-2019-3294	CASA-19-186479	GELC
R-11	855.0	09/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Zinc	Zn	Y	8.33	—	—	3.3	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186487	GELC
R-13	958.3	11/13/2020	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-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.42	—	—	0.01	SU	Y	H	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	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-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	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-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.3	—	—	0.01	SU	Y	H	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	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-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.2	—	—	0.01	SU	Y	H	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.4	—	—	1.45	mg/L	Y	J	J	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.99	—	—	1.45	mg/L	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.45	—	—	2	µg/L	Y	J	J	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.1	—	—	2	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	6.2	—	—	2	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.15	—	—	2	µg/L	Y	J	J	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.48	—	—	2	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26	—	—	1	µg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24	—	—	1	µg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.1	—	—	15	µg/L	Y	J	J	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.5	—	—	15	µg/L	Y	J	J	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.2	—	—	15	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.79	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.59	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.57	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.66	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.58	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.42	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.85	—	—	3	µg/L	Y	J	J	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.24	—	—	3	µg/L	Y	J	J	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.69	—	—	3	µg/L	Y	J	J	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.03	—	—	3	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.13	—	—	3	µg/L	Y	J	J	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.02	—	—	3	µg/L	Y	J	J	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.54	—	—	3	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	Y	1.09	—	—	1	µg/L	Y	J	J	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	Y	1.21	—	—	1	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.227	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.459	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.276	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.343	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.24	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.463	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.323	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	49.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	47.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	48.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	49.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	48.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	48.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	50	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.73	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.46	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.62	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.28	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.49	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.8	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.37	—	—	0.2	µg/L	Y	—	J+	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.12	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	N	1.21	—	—	0.2	µg/L	Y	—	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.12	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	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-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.742	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.759	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.78	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.76	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.76	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.865	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.404	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.385	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.422	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.421	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.396	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.42	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.459	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.39	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	J+	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.97	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.84	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.71	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	149	—	—	1	µS/cm	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	111	—	—	1	µS/cm	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µS/cm	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	144	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.36	—	—	0.133	mg/L	Y	—	J+	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.31	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	11/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-396	CAMO-21-210531	GELC
R-13	958.3	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1519	CAMO-20-198875	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	01/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-716	CAMO-20-192615	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	07/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181827	GELC
R-13	958.3	05/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CAMO-19-175139	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	01/10/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165961	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.73	—	—	2.5	µg/L	Y	J	J	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	5.56	—	—	2.5	µg/L	Y	J	U	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	106	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	J+	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	103	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	08/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.529	—	—	0.33	mg/L	Y	J	J	N3B-2020-1519	CAMO-20-198875	GELC
R-13	958.3	01/21/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-716	CAMO-20-192615	GELC
R-13	958.3	11/08/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.333	—	—	0.33	mg/L	Y	J	J	N3B-2020-295	CAMO-20-189150	GELC
R-13	958.3	07/09/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.519	—	—	0.33	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181827	GELC
R-13	958.3	05/09/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1877	CAMO-19-175139	GELC
R-13	958.3	11/13/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.958	0.904	2.965	—	pCi/L	Y	U	U	N3B-2021-397	CAMO-21-210531	ARSL
R-13	958.3	11/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.592	0.95	3.019	—	pCi/L	Y	U	U	N3B-2020-333	CAMO-20-189150	ARSL
R-13	958.3	11/07/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.011	0.786	2.665	—	pCi/L	Y	U*	U	N3B-2019-418	CAMO-19-163977	ARSL
R-13	958.3	11/08/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.159	0.677	2.145	—	pCi/L	Y	U	U	2018-835	CAMO-18-148073	ARSL
R-13	958.3	11/07/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-2.025	0.663	2.156	—	pCi/L	Y	U	U	2017-400	CAMO-17-127225	ARSL
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.453	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.403	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.427	—	—	0.067	µg/L	Y	—	J+	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.423	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.325	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.42	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.424	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-13	958.3	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.77	—	—	1	µg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210530	GELC
R-13	958.3	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.57	—	—	1	µg/L	Y	J	J	N3B-2020-1519	CAMO-20-198876	GELC
R-13	958.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.03	—	—	1	µg/L	Y	—	NQ	N3B-2020-716	CAMO-20-192614	GELC
R-13	958.3	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.7	—	—	1	µg/L	Y	J	J	N3B-2020-295	CAMO-20-189149	GELC
R-13	958.3	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.96	—	—	1	µg/L	Y	J	J	N3B-2019-2431	CAMO-19-181826	GELC
R-13	958.3	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.7	—	—	1	µg/L	Y	J	J	N3B-2019-1877	CAMO-19-175138	GELC
R-13	958.3	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.14	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165960	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.54	—	—	0.01	SU	Y	H	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.58	—	—	0.01	SU	Y	H	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.39	—	—	0.01	SU	Y	H	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.4	—	—	0.01	SU	Y	H	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.6	—	—	0.01	SU	Y	H	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	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-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.35	—	—	0.01	SU	Y	H	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	0.01	SU	Y	H	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.78	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.31	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.6	—	—	1.45	mg/L	Y	J	J	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.99	—	—	1.45	mg/L	Y	J	J	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.59	—	—	1.45	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.26	—	—	2	µg/L	Y	J	J	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.28	—	—	2	µg/L	Y	J	J	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.73	—	—	2	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.17	—	—	2	µg/L	Y	J	J	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28	—	—	1	µg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	27.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.81	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.27	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.93	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.98	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.01	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.29	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.07	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.1	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	12.3	—	—	3	µg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	13.4	—	—	3	µg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	14	—	—	3	µg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	14.6	—	—	3	µg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	10.7	—	—	3	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	11.3	—	—	3	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	10.8	—	—	3	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	12.7	—	—	3	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.23	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.365	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.262	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.27	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.262	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.138	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.366	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.181	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	50.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	51.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	51.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	50.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	50.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	50.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	47.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	50.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.59	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.9	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.31	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.13	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.78	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.73	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.796	—	—	0.2	µg/L	Y	J	J	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.06	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.03	—	—	0.2	µg/L	Y	—	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.09	—	—	0.2	µg/L	Y	—	J+	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.04	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	N	1.14	—	—	0.2	µg/L	Y	—	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.981	—	—	0.2	µg/L	Y	J	J	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.672	—	—	0.6	µg/L	Y	J	J	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.9	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.96	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.85	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.86	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.02	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.98	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.3	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	10.8	—	—	0.5	µg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	11.2	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	10.4	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	10.2	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	10.6	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	10.9	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	9.72	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	11	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.79	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.79	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.84	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.81	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-15	958.6	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.95	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.61	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.98	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	158	—	—	1	µS/cm	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140	—	—	1	µS/cm	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	1	µS/cm	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	1	µS/cm	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	63.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	71.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	62.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	58.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	59.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.85	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.29	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.97	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.96	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.08	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.53	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.28	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.46	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-408	CAMO-21-210534	GELC
R-15	958.6	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1519	CAMO-20-198877	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	01/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-757	CAMO-20-192617	GELC
R-15	958.6	01/23/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-757	CAMO-20-192619	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	07/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181829	GELC
R-15	958.6	05/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CAMO-19-175141	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	01/11/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-751	CAMO-19-165963	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	5.06	—	—	2.5	µg/L	N	J	R	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	209	—	—	3.4	mg/L	Y	—	J	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	J+	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0463	—	—	0.033	mg/L	Y	J	J	N3B-2021-408	CAMO-21-210534	GELC
R-15	958.6	01/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.117	—	—	0.033	mg/L	Y	—	J+	N3B-2020-757	CAMO-20-192617	GELC
R-15	958.6	01/23/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.153	—	—	0.033	mg/L	Y	—	J+	N3B-2020-757	CAMO-20-192619	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0479	—	—	0.033	mg/L	Y	J	U	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	07/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0439	—	—	0.033	mg/L	Y	J	U	N3B-2019-2431	CAMO-19-181829	GELC
R-15	958.6	05/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.044	—	—	0.033	mg/L	Y	J	J	N3B-2019-1877	CAMO-19-175141	GELC
R-15	958.6	01/11/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.047	—	—	0.033	mg/L	Y	J	J	N3B-2019-751	CAMO-19-165963	GELC
R-15	958.6	08/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.36	—	—	0.33	mg/L	Y	J	J	N3B-2020-1519	CAMO-20-198877	GELC
R-15	958.6	01/23/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-757	CAMO-20-192617	GELC
R-15	958.6	01/23/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-757	CAMO-20-192619	GELC
R-15	958.6	11/08/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.537	—	—	0.33	mg/L	Y	J	J	N3B-2020-295	CAMO-20-189153	GELC
R-15	958.6	07/09/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.435	—	—	0.33	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181829	GELC
R-15	958.6	05/09/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1877	CAMO-19-175141	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0846	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.126	—	—	0.02	mg/L	Y	—	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.04	—	—	0.02	mg/L	Y	J	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0392	—	—	0.02	mg/L	Y	J	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0287	—	—	0.02	mg/L	Y	J	J	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0751	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.406	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.403	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.435	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.463	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.415	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.298	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.38	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.387	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.57	—	—	1	µg/L	Y	—	NQ	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.92	—	—	1	µg/L	Y	—	NQ	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.33	—	—	1	µg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	7.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.19	—	—	1	µg/L	Y	—	NQ	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.86	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181828	GELC
R-15	958.6	05/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.25	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CAMO-19-175140	GELC
R-15	958.6	01/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.96	—	—	1	µg/L	Y	—	NQ	N3B-2019-751	CAMO-19-165962	GELC
R-15	958.6	11/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.34	—	—	3.3	µg/L	Y	J	J	N3B-2021-408	CAMO-21-210533	GELC
R-15	958.6	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.37	—	—	3.3	µg/L	Y	J	U	N3B-2020-1519	CAMO-20-198878	GELC
R-15	958.6	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-757	CAMO-20-192616	GELC
R-15	958.6	01/23/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-757	CAMO-20-192618	GELC
R-15	958.6	11/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-295	CAMO-20-189152	GELC
R-15	958.6	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.1	—	—	3.3	µg/L	Y	J	U	N3B-2019-2431	CAMO-19-181828	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	—	0.01	SU	Y	H	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.77	—	—	0.01	SU	Y	H	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-33 S1	995.5	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.27	—	—	2	µg/L	Y	J	J	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.73	—	—	2	µg/L	Y	J	J	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.39	—	—	2	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.8	—	—	2	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	2.18	—	—	2	µg/L	Y	J	J	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	29.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	29.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.5	—	—	15	µg/L	Y	J	J	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.43	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.26	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.42	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.26	—	—	0.067	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.3	—	—	0.067	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.21	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.03	—	—	3	µg/L	Y	J	J	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.45	—	—	3	µg/L	Y	J	J	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	9.04	—	—	3	µg/L	Y	J	J	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.99	—	—	3	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.64	—	—	3	µg/L	Y	J	J	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	10.2	—	—	3	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	9.23	—	—	3	µg/L	Y	J	J	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	6.42	—	—	3	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	6.09	—	—	3	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.266	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.405	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	N	0.247	—	—	0.033	mg/L	Y	—	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.453	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.187	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.238	—	—	0.033	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.277	—	—	0.033	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	45.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	43.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	41.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	41.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	45.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.75	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.7	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.58	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.66	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.72	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.25	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.3	—	—	0.2	µg/L	Y	—	J+	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.17	—	—	0.2	µg/L	Y	—	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.35	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	N	1.37	—	—	0.2	µg/L	Y	—	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.52	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.64	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.67	—	—	0.6	µg/L	Y	J	J	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.68	—	—	0.6	µg/L	Y	J	J	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.85	—	—	0.6	µg/L	Y	J	J	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.75	—	—	0.6	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.76	—	—	0.6	µg/L	Y	J	J	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	4.15	—	—	0.6	µg/L	Y	—	J+	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	Y	3.63	—	—	0.6	µg/L	Y	—	J+	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.52	—	—	0.6	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	Y	1.63	—	—	0.6	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.552	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.531	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.53	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	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-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.543	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.545	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.554	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.535	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.512	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.388	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.575	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.469	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.371	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.387	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.366	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.4	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.419	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.451	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.74	—	—	0.05	mg/L	Y	—	J+	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	J+	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	N	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146	—	—	1	µS/cm	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	1	µS/cm	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µS/cm	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	145	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	159	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µS/cm	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.46	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.35	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.32	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.36	—	—	0.133	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.38	—	—	0.133	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.34	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.27	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	11/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-423	CAMO-21-210536	GELC
R-33 S1	995.5	08/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1573	CAMO-20-198879	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	01/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-639	CAMO-20-192718	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	07/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181831	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1943	CAMO-19-175143	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1943	CAMO-19-175145	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-33 S1	995.5	01/10/2019	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165965	GELC
R-33 S1	995.5	01/10/2019	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165967	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	110	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	J+	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	J+	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	209	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	08/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0961	—	—	0.033	mg/L	Y	J	J	N3B-2020-1573	CAMO-20-198879	GELC
R-33 S1	995.5	01/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0479	—	—	0.033	mg/L	Y	J	U	N3B-2020-639	CAMO-20-192718	GELC
R-33 S1	995.5	11/06/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-285	CAMO-20-189157	GELC
R-33 S1	995.5	07/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0947	—	—	0.033	mg/L	Y	J	U	N3B-2019-2431	CAMO-19-181831	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.142	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175143	GELC
R-33 S1	995.5	05/20/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0813	—	—	0.033	mg/L	Y	J	J	N3B-2019-1991	CAMO-19-175145	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.085	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.027	—	—	0.02	mg/L	Y	J	J	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0416	—	—	0.02	mg/L	Y	J	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.038	—	—	0.02	mg/L	Y	J	U	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0847	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0324	—	—	0.02	mg/L	Y	J	J	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0358	—	—	0.02	mg/L	Y	J	J	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.796	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.914	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.914	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.716	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.786	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.773	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.889	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.887	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.44	—	—	1	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.43	—	—	1	µg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.78	—	—	1	µg/L	Y	J	J	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.33	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.79	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.17	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175142	GELC
R-33 S1	995.5	05/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.27	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175144	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.71	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165964	GELC
R-33 S1	995.5	01/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.48	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165966	GELC
R-33 S1	995.5	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.55	—	—	3.3	µg/L	Y	J	J	N3B-2021-423	CAMO-21-210535	GELC
R-33 S1	995.5	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.65	—	—	3.3	µg/L	Y	J	U	N3B-2020-1573	CAMO-20-198880	GELC
R-33 S1	995.5	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-639	CAMO-20-192717	GELC
R-33 S1	995.5	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.83	—	—	3.3	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189156	GELC
R-33 S1	995.5	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.08	—	—	3.3	µg/L	Y	J	U	N3B-2019-2431	CAMO-19-181830	GELC
R-33 S2	1112.4	11/18/2020	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-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.82	—	—	0.01	SU	Y	H	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	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-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	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-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0539	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0406	—	—	0.017	mg/L	Y	J	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.055	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0286	—	—	0.017	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.052	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.04	—	—	2	µg/L	Y	J	J	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.02	—	—	2	µg/L	Y	J	J	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.41	—	—	2	µg/L	Y	J	J	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.07	—	—	2	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.56	—	—	2	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	5.67	—	—	2	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	35.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	34.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	34.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	34.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.84	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.02	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.35	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.17	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.01	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.92	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.09	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.04	—	—	0.067	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.99	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.84	—	—	3	µg/L	Y	J	J	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.31	—	—	3	µg/L	Y	J	J	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.8	—	—	3	µg/L	Y	J	J	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	8.81	—	—	3	µg/L	Y	J	J	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.33	—	—	3	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.73	—	—	3	µg/L	Y	J	J	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	5.69	—	—	3	µg/L	Y	J	J	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.5	—	—	3	µg/L	Y	J	J	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.95	—	—	3	µg/L	Y	J	J	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.257	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.269	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.412	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.448	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.149	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.148	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.216	—	—	0.033	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.218	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	45	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	40.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	41.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	40.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.05	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.08	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.05	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.89	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.71	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.75	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.89	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.44	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.26	—	—	2	µg/L	Y	J	J	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.081	—	—	0.067	µg/L	Y	J	J	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.03	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.04	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.11	—	—	0.2	µg/L	Y	—	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.979	—	—	0.2	µg/L	Y	J	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.15	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	N	1.1	—	—	0.2	µg/L	Y	—	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	N	1.15	—	—	0.2	µg/L	Y	—	U	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.346	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.348	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.324	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.332	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.353	—	—	0.17	mg/L	Y	J	J	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.356	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.351	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.348	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.333	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.344	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.358	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.391	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.364	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.339	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.391	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.347	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.374	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.24	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.33	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.22	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.56	—	—	0.05	mg/L	Y	—	J+	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	J+	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.18	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.21	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.34	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	82.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	N	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µS/cm	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	141	—	—	1	µS/cm	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	110	—	—	1	µS/cm	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	1	µS/cm	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48	—	—	1	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.25	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.26	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.25	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.26	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.26	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.19	—	—	0.133	mg/L	Y	—	J-	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.41	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-423	CAMO-21-210538	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-423	CAMO-21-210540	GELC
R-33 S2	1112.4	08/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1573	CAMO-20-198881	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-33 S2	1112.4	01/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-639	CAMO-20-192721	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181833	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2431	CAMO-19-181835	GELC
R-33 S2	1112.4	05/20/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1943	CAMO-19-175147	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	01/10/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-747	CAMO-19-165969	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	J+	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	214	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	J+	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	55.7	—	—	3.4	mg/L	Y	—	J+	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	244	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	08/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.114	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198881	GELC
R-33 S2	1112.4	01/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.047	—	—	0.033	mg/L	Y	J	J+	N3B-2020-639	CAMO-20-192721	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0404	—	—	0.033	mg/L	Y	J	U	N3B-2019-2431	CAMO-19-181833	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.062	—	—	0.033	mg/L	Y	J	U	N3B-2019-2431	CAMO-19-181835	GELC
R-33 S2	1112.4	05/20/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-1991	CAMO-19-175147	GELC
R-33 S2	1112.4	01/10/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-747	CAMO-19-165969	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.419	—	—	0.33	mg/L	Y	J	J	N3B-2021-423	CAMO-21-210538	GELC
R-33 S2	1112.4	11/18/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2021-423	CAMO-21-210540	GELC
R-33 S2	1112.4	08/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1573	CAMO-20-198881	GELC
R-33 S2	1112.4	01/07/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-639	CAMO-20-192721	GELC
R-33 S2	1112.4	11/06/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-285	CAMO-20-189160	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.35	—	—	0.33	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181833	GELC
R-33 S2	1112.4	07/09/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.425	—	—	0.33	mg/L	Y	J	J	N3B-2019-2431	CAMO-19-181835	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0899	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0858	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0289	—	—	0.02	mg/L	Y	J	J	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.26	—	—	0.02	mg/L	Y	—	J+	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	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-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0764	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0728	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0345	—	—	0.02	mg/L	Y	J	J	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.028	—	—	0.02	mg/L	Y	J	J	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.844	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.854	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.922	—	—	0.067	µg/L	Y	—	J+	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.999	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.01	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.748	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.799	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.853	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC
R-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.954	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.36	—	—	1	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.36	—	—	1	µg/L	Y	—	NQ	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.43	—	—	1	µg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.54	—	—	1	µg/L	Y	J	J	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.84	—	—	1	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.32	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.34	—	—	1	µg/L	Y	—	NQ	N3B-2019-2431	CAMO-19-181834	GELC
R-33 S2	1112.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.07	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CAMO-19-175146	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-33 S2	1112.4	01/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.38	—	—	1	µg/L	Y	—	NQ	N3B-2019-747	CAMO-19-165968	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.71	—	—	3.3	µg/L	Y	J	J	N3B-2021-423	CAMO-21-210537	GELC
R-33 S2	1112.4	11/18/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-423	CAMO-21-210539	GELC
R-33 S2	1112.4	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.02	—	—	3.3	µg/L	Y	J	U	N3B-2020-1573	CAMO-20-198882	GELC
R-33 S2	1112.4	01/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-639	CAMO-20-192720	GELC
R-33 S2	1112.4	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.81	—	—	3.3	µg/L	Y	J	J	N3B-2020-285	CAMO-20-189159	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.5	—	—	3.3	µg/L	Y	J	U	N3B-2019-2431	CAMO-19-181832	GELC
R-33 S2	1112.4	07/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	4.11	—	—	3.3	µg/L	Y	J	U	N3B-2019-2431	CAMO-19-181834	GELC
R-35a	1013.1	12/07/2020	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-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	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-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	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-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	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-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	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-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	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-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	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	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	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-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	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-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	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	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	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-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	—	0.01	SU	Y	H	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	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-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	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-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.2	—	—	0.01	SU	Y	H	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	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-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	111	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	113	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	111	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0913	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.017	—	—	0.017	mg/L	Y	J	J	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.102	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0478	—	—	0.017	mg/L	Y	J	J	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0528	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0195	—	—	0.017	mg/L	Y	J	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.045	—	—	0.017	mg/L	Y	J	J	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	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-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.36	—	—	2	µg/L	Y	J	J	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.51	—	—	2	µg/L	Y	J	J	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.79	—	—	2	µg/L	Y	J	J	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.47	—	—	2	µg/L	Y	J	J	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.36	—	—	2	µg/L	Y	J	J	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.31	—	—	2	µg/L	Y	J	J	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.33	—	—	2	µg/L	Y	J	J	N3B-2020-1560	CASA-20-198989	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.51	—	—	2	µg/L	Y	J	J	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	5.63	—	—	2	µg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.19	—	—	2	µg/L	Y	J	J	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.04	—	—	2	µg/L	Y	J	J	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.36	—	—	2	µg/L	Y	J	J	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.08	—	—	2	µg/L	Y	J	J	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.72	—	—	2	µg/L	Y	J	J	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.76	—	—	2	µg/L	Y	J	J	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.83	—	—	2	µg/L	Y	J	J	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	4.04	—	—	2	µg/L	Y	J	J	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	355	—	—	1	µg/L	Y	E	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	355	—	—	1	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	351	—	—	1	µg/L	Y	E	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	360	—	—	1	µg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	365	—	—	1	µg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	355	—	—	1	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	365	—	—	1	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	377	—	—	1	µg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	408	—	—	1	µg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	341	—	—	1	µg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	339	—	—	1	µg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	336	—	—	1	µg/L	Y	E	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	344	—	—	1	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	337	—	—	1	µg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	365	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	346	—	—	1	µg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	341	—	—	1	µg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	332	—	—	1	µg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	43	—	—	15	µg/L	Y	J	J	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	38.9	—	—	15	µg/L	Y	J	J	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	48.2	—	—	15	µg/L	Y	J	J	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	45.5	—	—	15	µg/L	Y	J	J	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	46.1	—	—	15	µg/L	Y	J	J	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	44.1	—	—	15	µg/L	Y	J	J	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	43.8	—	—	15	µg/L	Y	J	J	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	44	—	—	15	µg/L	Y	J	J	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	43.4	—	—	15	µg/L	Y	J	J	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	33.1	—	—	15	µg/L	Y	J	J	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	33.7	—	—	15	µg/L	Y	J	J	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	41.4	—	—	15	µg/L	Y	J	J	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	36.7	—	—	15	µg/L	Y	J	J	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	35.5	—	—	15	µg/L	Y	J	J	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	35.5	—	—	15	µg/L	Y	J	J	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	34.7	—	—	15	µg/L	Y	J	J	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.29	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	23	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	22	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.56	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.25	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.23	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.71	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.31	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.69	—	—	0.067	mg/L	Y	—	J+	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.68	—	—	0.067	mg/L	Y	—	J+	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.67	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.58	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.56	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.74	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.6	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.6	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.37	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.63	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	RE	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.74	—	—	0.067	mg/L	Y	H	J-	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.68	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.46	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.57	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.95	—	—	3	µg/L	Y	J	J	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.8	—	—	3	µg/L	Y	J	J	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.89	—	—	3	µg/L	Y	J	J	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.29	—	—	3	µg/L	Y	J	J	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.5	—	—	3	µg/L	Y	J	J	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.95	—	—	3	µg/L	Y	J	J	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.67	—	—	3	µg/L	Y	J	J	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.7	—	—	3	µg/L	Y	J	J	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.63	—	—	3	µg/L	Y	J	J	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.05	—	—	3	µg/L	Y	J	J	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.95	—	—	3	µg/L	Y	J	J	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.95	—	—	3	µg/L	Y	J	J	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.46	—	—	3	µg/L	Y	J	J	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.9	—	—	3	µg/L	Y	J	J	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.59	—	—	3	µg/L	Y	J	J	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.29	—	—	3	µg/L	Y	J	J	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.29	—	—	3	µg/L	Y	J	J	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.49	—	—	3	µg/L	Y	J	J	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	Y	1.09	—	—	1	µg/L	Y	J	J	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.322	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.344	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.414	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.353	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.355	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.516	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.504	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.513	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.544	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.762	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.407	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.303	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.354	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.452	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.382	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	RE	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.453	—	—	0.033	mg/L	Y	H	J-	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.4	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.084	—	—	0.033	mg/L	Y	J	J	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.373	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	83.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	79.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	83.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	83.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	84.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	79.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	82.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	83.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	92.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	81.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	78.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	76.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	77.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	81.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	79.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	75.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	74.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	74	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	30.6	—	—	30	µg/L	Y	J	J	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.58	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.69	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.55	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.67	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.81	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.04	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.17	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.74	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.29	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.72	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.71	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.58	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.78	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.52	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.44	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.39	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.18	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.49	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.17	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.1	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.14	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.21	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.15	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.06	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.26	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.06	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.972	—	—	0.2	µg/L	Y	J	J	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	11.8	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	10.6	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	12.7	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	7.67	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	8.36	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	13.2	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	13.2	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	14.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	13.3	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	14.8	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	15.2	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	15.5	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	18.1	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.05	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.6	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.89	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.98	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.07	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.425	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.414	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.426	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.435	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.441	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.413	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.419	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	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-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.444	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.406	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.401	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.403	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.422	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.425	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.434	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.463	—	—	0.017	mg/L	Y	—	J+	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.46	—	—	0.017	mg/L	Y	—	J+	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.53	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.409	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.416	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.368	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.43	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.428	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.397	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.394	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.379	—	—	0.05	µg/L	Y	—	J	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.54	—	—	0.5	µg/L	Y	J	J	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.466	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.482	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.405	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.449	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.425	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35a	1013.1	11/18/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.438	—	—	0.05	µg/L	Y	—	J	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.422	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.436	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.434	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.85	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.74	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.91	—	—	0.05	mg/L	Y	E	J+	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.87	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	3.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.76	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	3.89	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.01	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.37	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.82	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	3.95	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.72	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.94	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.11	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.68	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	3.65	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.47	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	83.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	85.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	82.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	91.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	80	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	19.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	17	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	16.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.6	—	—	0.1	mg/L	Y	—	J+	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	250	—	—	1	µS/cm	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	253	—	—	1	µS/cm	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223	—	—	1	µS/cm	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	238	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	240	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	247	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	239	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	232	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	219	—	—	1	µS/cm	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	199	—	—	1	µS/cm	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	215	—	—	1	µS/cm	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	215	—	—	1	µS/cm	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	216	—	—	1	µS/cm	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	218	—	—	1	µS/cm	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	219	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	176	—	—	1	µg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	170	—	—	1	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	179	—	—	1	µg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	180	—	—	1	µg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	182	—	—	1	µg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	168	—	—	1	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	173	—	—	1	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	175	—	—	1	µg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	193	—	—	1	µg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	174	—	—	1	µg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	172	—	—	1	µg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	163	—	—	1	µg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	165	—	—	1	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	177	—	—	1	µg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	169	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	166	—	—	1	µg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	163	—	—	1	µg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	155	—	—	1	µg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.62	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.41	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.74	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.65	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.78	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.73	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.79	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.68	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.56	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.72	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.56	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.63	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.32	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.7	—	—	0.133	mg/L	Y	—	J+	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	RE	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.79	—	—	0.133	mg/L	Y	H	J-	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.95	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.56	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	12/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-542	CASA-21-210985	GELC
R-35a	1013.1	11/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-375	CASA-21-210542	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	10/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-41	CASA-21-208121	GELC
R-35a	1013.1	09/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1732	CASA-20-205983	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35a	1013.1	09/09/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1732	CASA-20-205994	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	08/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1560	CASA-20-198986	GELC
R-35a	1013.1	08/12/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1560	CASA-20-198988	GELC
R-35a	1013.1	07/24/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1392	CASA-20-205400	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	06/29/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1239	CAMO-20-205231	GELC
R-35a	1013.1	03/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1116	CASA-20-196227	GELC
R-35a	1013.1	03/17/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1116	CASA-20-196262	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	02/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-918	CASA-20-193861	GELC
R-35a	1013.1	01/15/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-698	CASA-20-192775	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	12/05/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-479	CASA-20-190652	GELC
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-372	CASA-20-189211	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	10/16/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-124	CASA-20-188132	GELC
R-35a	1013.1	10/16/2019	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-124	CASA-20-188136	GELC
R-35a	1013.1	09/25/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3549	CASA-19-186489	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	14.7	—	—	2.5	µg/L	N	—	R	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	8.05	—	—	2.5	µg/L	Y	J	U	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	3	—	—	2.5	µg/L	Y	J	U	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25	—	—	25	µg/L	Y	U	U	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	241	—	—	3.4	mg/L	Y	—	J	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	J+	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	243	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	203	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	203	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	254	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	206	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	207	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	200	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	224	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	J+	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	217	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	226	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	196	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	199	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	199	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	08/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0934	—	—	0.033	mg/L	Y	J	J	N3B-2020-1560	CASA-20-198986	GELC
R-35a	1013.1	08/12/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0808	—	—	0.033	mg/L	Y	J	J	N3B-2020-1560	CASA-20-198988	GELC
R-35a	1013.1	06/29/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0573	—	—	0.033	mg/L	Y	J	J	N3B-2020-1239	CAMO-20-205231	GELC
R-35a	1013.1	03/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1116	CASA-20-196227	GELC
R-35a	1013.1	03/17/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1116	CASA-20-196262	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35a	1013.1	02/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0615	—	—	0.033	mg/L	Y	J	U	N3B-2020-918	CASA-20-193861	GELC
R-35a	1013.1	01/15/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-698	CASA-20-192775	GELC
R-35a	1013.1	12/05/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.135	—	—	0.033	mg/L	Y	—	U	N3B-2020-479	CASA-20-190652	GELC
R-35a	1013.1	12/07/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.407	—	—	0.33	mg/L	Y	J	J	N3B-2021-542	CASA-21-210985	GELC
R-35a	1013.1	10/07/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.369	—	—	0.33	mg/L	Y	J	J	N3B-2021-41	CASA-21-208121	GELC
R-35a	1013.1	07/24/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.373	—	—	0.33	mg/L	Y	J	J	N3B-2020-1392	CASA-20-205400	GELC
R-35a	1013.1	06/29/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1239	CAMO-20-205231	GELC
R-35a	1013.1	03/17/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1116	CASA-20-196227	GELC
R-35a	1013.1	03/17/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1116	CASA-20-196262	GELC
R-35a	1013.1	02/18/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-918	CASA-20-193861	GELC
R-35a	1013.1	01/15/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-698	CASA-20-192775	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0661	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0869	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0261	—	—	0.02	mg/L	Y	J	J	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.612	—	—	0.02	mg/L	Y	—	J+	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0736	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0685	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.129	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0219	—	—	0.02	mg/L	Y	J	U	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	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-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	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-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	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-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0222	—	—	0.02	mg/L	Y	J	U	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	11/10/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.033	0.885	2.996	—	pCi/L	Y	U	U	N3B-2021-380	CASA-21-210542	ARSL
R-35a	1013.1	08/12/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.286	1.005	3.411	—	pCi/L	Y	U	U	N3B-2020-1564	CASA-20-198986	ARSL
R-35a	1013.1	08/12/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.769	0.959	3.266	—	pCi/L	Y	U	U	N3B-2020-1564	CASA-20-198988	ARSL
R-35a	1013.1	01/15/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.077	0.918	2.996	—	pCi/L	Y	U	U	N3B-2020-701	CASA-20-192775	ARSL
R-35a	1013.1	11/18/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.334	0.882	2.985	—	pCi/L	Y	U	U	N3B-2020-444	CASA-20-189211	ARSL
R-35a	1013.1	07/19/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.273	1.003	3.06	—	pCi/L	Y	U	U	N3B-2019-2784	CASA-19-182102	ARSL
R-35a	1013.1	05/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.811	0.872	2.971	—	pCi/L	Y	UQ	U	N3B-2019-1829	CASA-19-175186	ARSL
R-35a	1013.1	05/07/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.052	0.856	2.909	—	pCi/L	Y	UQ	U	N3B-2019-1829	CASA-19-175189	ARSL
R-35a	1013.1	01/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.038	0.926	3.03	—	pCi/L	Y	U	U	N3B-2019-773	CASA-19-166014	ARSL
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.595	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.553	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.621	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.581	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.599	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.559	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.555	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.615	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.56	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.629	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.644	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.599	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.612	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.638	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.604	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.545	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.563	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.584	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	12/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	18.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-542	CASA-21-210986	GELC
R-35a	1013.1	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210541	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	17.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	18.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205984	GELC
R-35a	1013.1	09/09/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	18.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1732	CASA-20-205995	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198987	GELC
R-35a	1013.1	08/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	16.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198989	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	17	—	—	1	µg/L	Y	—	NQ	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	19.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-205232	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	16.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	16.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	16	—	—	1	µg/L	Y	—	NQ	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-192774	GELC
R-35a	1013.1	12/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	17	—	—	1	µg/L	Y	—	NQ	N3B-2020-479	CASA-20-190653	GELC
R-35a	1013.1	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	17.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189210	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	16.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-124	CASA-20-188133	GELC
R-35a	1013.1	10/16/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	15.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-124	CASA-20-188137	GELC
R-35a	1013.1	09/25/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	Y	19.2	—	—	3.3	µg/L	Y	J	J	N3B-2019-3549	CASA-19-186490	GELC
R-35a	1013.1	10/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.62	—	—	3.3	µg/L	Y	J	J	N3B-2021-41	CASA-21-208122	GELC
R-35a	1013.1	07/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	6.65	—	—	3.3	µg/L	Y	J	J	N3B-2020-1392	CASA-20-205401	GELC
R-35a	1013.1	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.24	—	—	3.3	µg/L	Y	J	U	N3B-2020-1239	CAMO-20-205232	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.75	—	—	3.3	µg/L	Y	J	U	N3B-2020-1116	CASA-20-196228	GELC
R-35a	1013.1	03/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	6.81	—	—	3.3	µg/L	Y	J	U	N3B-2020-1116	CASA-20-196263	GELC
R-35a	1013.1	02/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.15	—	—	3.3	µg/L	Y	J	U	N3B-2020-918	CASA-20-193862	GELC
R-35a	1013.1	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-698	CASA-20-192774	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	J	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	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-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	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	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	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-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.51	—	—	0.01	SU	Y	H	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	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-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	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-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	0.01	SU	Y	H	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	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-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	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	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	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-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	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-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	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	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.076	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.027	—	—	0.017	mg/L	Y	J	J	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0227	—	—	0.017	mg/L	Y	J	J	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	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-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0916	—	—	0.017	mg/L	Y	—	U	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0713	—	—	0.017	mg/L	Y	—	U	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.123	—	—	0.017	mg/L	Y	—	U	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0821	—	—	0.017	mg/L	Y	—	U	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.27	—	—	2	µg/L	Y	J	J	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.16	—	—	2	µg/L	Y	J	J	N3B-2021-375	CASA-21-210544	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.12	—	—	2	µg/L	Y	J	J	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.89	—	—	2	µg/L	Y	J	J	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.45	—	—	2	µg/L	Y	J	J	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.22	—	—	2	µg/L	Y	J	J	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.34	—	—	2	µg/L	Y	J	J	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.64	—	—	2	µg/L	Y	J	J	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.63	—	—	2	µg/L	Y	J	J	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.39	—	—	2	µg/L	Y	J	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.5	—	—	2	µg/L	Y	J	J	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.82	—	—	2	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	34.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	36.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	43.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	42.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	35.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23	—	—	15	µg/L	Y	J	J	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.6	—	—	15	µg/L	Y	J	J	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	27.9	—	—	15	µg/L	Y	J	J	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	27.1	—	—	15	µg/L	Y	J	J	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	29.1	—	—	15	µg/L	Y	J	J	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.5	—	—	15	µg/L	Y	J	J	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.1	—	—	15	µg/L	Y	J	J	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	29	—	—	15	µg/L	Y	J	J	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	24.7	—	—	15	µg/L	Y	J	J	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	27.2	—	—	15	µg/L	Y	J	J	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.3	—	—	15	µg/L	Y	J	J	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.9	—	—	15	µg/L	Y	J	J	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	24.2	—	—	15	µg/L	Y	J	J	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.9	—	—	15	µg/L	Y	J	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.5	—	—	15	µg/L	Y	J	J	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.5	—	—	15	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	16	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.96	—	—	0.067	mg/L	Y	—	J+	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.81	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.85	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.87	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.96	—	—	0.067	mg/L	Y	—	J+	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.96	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.91	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.9	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.83	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.08	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.07	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.93	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.89	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.95	—	—	0.067	mg/L	Y	—	J+	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.34	—	—	3	µg/L	Y	J	J	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.28	—	—	3	µg/L	Y	J	J	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.85	—	—	3	µg/L	Y	J	J	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.85	—	—	3	µg/L	Y	J	J	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.9	—	—	3	µg/L	Y	J	J	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.65	—	—	3	µg/L	Y	J	J	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.37	—	—	3	µg/L	Y	J	J	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.43	—	—	3	µg/L	Y	J	J	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.7	—	—	3	µg/L	Y	J	J	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.08	—	—	3	µg/L	Y	J	J	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.65	—	—	3	µg/L	Y	J	J	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	7.74	—	—	3	µg/L	Y	J	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5	—	—	3	µg/L	Y	J	J	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.05	—	—	3	µg/L	Y	J	J	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.27	—	—	3	µg/L	Y	J	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.23	—	—	3	µg/L	Y	J	J	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.504	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.517	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.662	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.663	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.517	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.697	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.689	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.749	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.733	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.507	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.485	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.552	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.672	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.672	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.564	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.559	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.577	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	58.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	61.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	65.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	71.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	71	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	64.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	61.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	61.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.57	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.61	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.35	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.24	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.32	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.59	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.55	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.9	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.13	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.39	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.59	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.46	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.66	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.87	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.85	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.42	—	—	0.2	µg/L	Y	—	J+	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.35	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.32	—	—	0.2	µg/L	Y	—	J+	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.34	—	—	0.2	µg/L	Y	—	J+	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.32	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.24	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.24	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.43	—	—	0.2	µg/L	Y	—	J+	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.41	—	—	0.2	µg/L	Y	—	J+	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.33	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.33	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.32	—	—	0.2	µg/L	Y	—	J+	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.28	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.29	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.27	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.37	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.34	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.95	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.97	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.67	—	—	0.6	µg/L	Y	J	J	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.66	—	—	0.6	µg/L	Y	J	J	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.26	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.3	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.23	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.13	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.17	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.37	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.84	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.36	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.3	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.47	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.86	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.96	—	—	0.6	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.09	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.06	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.11	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.13	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.09	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.13	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.13	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.12	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.11	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.06	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.06	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.07	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.13	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.15	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.555	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.553	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.536	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.537	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.561	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.522	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.553	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.522	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.52	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.6	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.538	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.552	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.564	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.566	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.578	—	—	0.05	µg/L	Y	—	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.539	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.576	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.74	—	—	0.05	mg/L	Y	—	J+	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.72	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.96	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.89	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.92	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.12	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.23	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.86	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.06	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.11	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.13	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.99	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	84.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	83.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	J+	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	J+	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	1	µS/cm	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	—	1	µS/cm	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	158	—	—	1	µS/cm	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	159	—	—	1	µS/cm	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	202	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	1	µS/cm	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	1	µS/cm	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	148	—	—	1	µS/cm	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	148	—	—	1	µS/cm	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147	—	—	1	µS/cm	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	63.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	66.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	73.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	71.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	71.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	69	—	—	1	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	78.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	77.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	77.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	66.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	67.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	67.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	72.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	70.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	66.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	68.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	69.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.54	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.54	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.57	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.57	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.56	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.55	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.44	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.73	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.74	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.65	—	—	0.133	mg/L	Y	—	J+	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.92	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.67	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	12/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-551	CASA-21-210988	GELC
R-35b	825.4	11/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-375	CASA-21-210545	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	10/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-35	CASA-21-208144	GELC
R-35b	825.4	10/06/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-35	CASA-21-208211	GELC
R-35b	825.4	09/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1722	CASA-20-205991	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	08/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1560	CASA-20-198990	GELC
R-35b	825.4	07/30/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-1453	CASA-20-205403	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1238	CAMO-20-205234	GELC
R-35b	825.4	06/26/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1238	CAMO-20-205237	GELC
R-35b	825.4	03/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1098	CASA-20-196230	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	02/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-898	CASA-20-193945	GELC
R-35b	825.4	01/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-757	CASA-20-192778	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	12/04/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-447	CASA-20-190655	GELC
R-35b	825.4	12/04/2019	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-447	CASA-20-190658	GELC
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-372	CASA-20-189214	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	10/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-83	CASA-20-188139	GELC
R-35b	825.4	10/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-83	CASA-20-188141	GELC
R-35b	825.4	09/16/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3294	CASA-19-186507	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	11.8	—	—	2.5	µg/L	N	—	R	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.56	—	—	2.5	µg/L	Y	J	J	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.82	—	—	2.5	µg/L	Y	J	J	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	12/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	J+	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	3.4	mg/L	Y	—	J+	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1722	CASA-20-205992	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35b	825.4	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	Y	—	J	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	J	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	J+	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.105	—	—	0.033	mg/L	Y	—	J+	N3B-2021-375	CASA-21-210545	GELC
R-35b	825.4	08/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.107	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198990	GELC
R-35b	825.4	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0387	—	—	0.033	mg/L	Y	J	J	N3B-2020-1238	CAMO-20-205234	GELC
R-35b	825.4	06/26/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0503	—	—	0.033	mg/L	Y	J	J	N3B-2020-1238	CAMO-20-205237	GELC
R-35b	825.4	03/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1098	CASA-20-196230	GELC
R-35b	825.4	02/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-898	CASA-20-193945	GELC
R-35b	825.4	01/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.166	—	—	0.033	mg/L	Y	—	U	N3B-2020-757	CASA-20-192778	GELC
R-35b	825.4	12/04/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.148	—	—	0.033	mg/L	Y	—	U	N3B-2020-447	CASA-20-190655	GELC
R-35b	825.4	12/04/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.175	—	—	0.033	mg/L	Y	—	U	N3B-2020-447	CASA-20-190658	GELC
R-35b	825.4	06/26/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.579	—	—	0.33	mg/L	Y	J	J	N3B-2020-1238	CAMO-20-205234	GELC
R-35b	825.4	06/26/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1238	CAMO-20-205237	GELC
R-35b	825.4	03/16/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1098	CASA-20-196230	GELC
R-35b	825.4	02/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-898	CASA-20-193945	GELC
R-35b	825.4	01/23/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-757	CASA-20-192778	GELC
R-35b	825.4	12/04/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-447	CASA-20-190655	GELC
R-35b	825.4	12/04/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-447	CASA-20-190658	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0677	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0542	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0793	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.128	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0383	—	—	0.02	mg/L	Y	J	U	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	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-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	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-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	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-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0376	—	—	0.02	mg/L	Y	J	J	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	11/10/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.276	0.885	2.977	—	pCi/L	Y	U	U	N3B-2021-380	CASA-21-210545	ARSL
R-35b	825.4	08/12/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.144	0.9	3.052	—	pCi/L	Y	U	U	N3B-2020-1564	CASA-20-198990	ARSL
R-35b	825.4	01/23/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.44	0.877	2.937	—	pCi/L	Y	U	U	N3B-2020-792	CASA-20-192778	ARSL
R-35b	825.4	11/18/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.091	0.953	2.92	—	pCi/L	Y	U	U	N3B-2020-398	CASA-20-189214	ARSL
R-35b	825.4	07/12/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.455	0.942	3.186	—	pCi/L	Y	U	U	N3B-2019-2583	CASA-19-182705	ARSL
R-35b	825.4	05/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.114	0.763	2.574	—	pCi/L	Y	UQ	U	N3B-2019-1829	CASA-19-175191	ARSL
R-35b	825.4	01/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.068	0.962	3.149	—	pCi/L	Y	U	U	N3B-2019-836	CASA-19-166017	ARSL
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.254	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.281	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.283	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.296	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.269	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.278	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.312	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.319	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.256	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.28	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.342	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.296	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.307	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.288	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.314	—	—	0.067	µg/L	Y	—	U	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.247	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3294	CASA-19-186508	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-35b	825.4	12/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	11.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-551	CASA-21-210989	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-35	CASA-21-208145	GELC
R-35b	825.4	10/06/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	13.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-35	CASA-21-208212	GELC
R-35b	825.4	09/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1722	CASA-20-205992	GELC
R-35b	825.4	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198991	GELC
R-35b	825.4	07/30/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1453	CASA-20-205404	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	14.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205235	GELC
R-35b	825.4	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	14.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-205238	GELC
R-35b	825.4	03/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1098	CASA-20-196231	GELC
R-35b	825.4	02/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-898	CASA-20-193946	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	13.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	N	20.5	—	—	3.3	µg/L	Y	—	U	N3B-2019-3294	CASA-19-186508	GELC
R-35b	825.4	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.91	—	—	3.3	µg/L	Y	J	J	N3B-2021-375	CASA-21-210544	GELC
R-35b	825.4	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.34	—	—	3.3	µg/L	Y	J	J	N3B-2020-757	CASA-20-192777	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.95	—	—	3.3	µg/L	Y	J	J	N3B-2020-447	CASA-20-190656	GELC
R-35b	825.4	12/04/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.38	—	—	3.3	µg/L	Y	J	J	N3B-2020-447	CASA-20-190659	GELC
R-35b	825.4	11/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	6.62	—	—	3.3	µg/L	Y	J	J	N3B-2020-372	CASA-20-189213	GELC
R-35b	825.4	10/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	11.2	—	—	3.3	µg/L	Y	J	U	N3B-2020-83	CASA-20-188140	GELC
R-35b	825.4	09/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Zinc	Zn	Y	8.5	—	—	3.3	µg/L	Y	J	J	N3B-2019-3294	CASA-19-186508	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.56	—	—	0.01	SU	Y	H	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.68	—	—	0.01	SU	Y	H	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	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-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0785	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0497	—	—	0.017	mg/L	Y	J	J	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0474	—	—	0.017	mg/L	Y	J	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0309	—	—	0.017	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0428	—	—	0.017	mg/L	Y	J	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0304	—	—	0.017	mg/L	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.32	—	—	2	µg/L	Y	J	J	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.51	—	—	2	µg/L	Y	J	J	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.16	—	—	2	µg/L	Y	J	J	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.63	—	—	2	µg/L	Y	J	J	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.35	—	—	2	µg/L	Y	J	J	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.56	—	—	2	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.18	—	—	2	µg/L	Y	J	J	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.16	—	—	2	µg/L	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	30.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23	—	—	15	µg/L	Y	J	J	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23	—	—	15	µg/L	Y	J	J	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	24.1	—	—	15	µg/L	Y	J	J	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22	—	—	15	µg/L	Y	J	J	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	24.1	—	—	15	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	28	—	—	15	µg/L	Y	J	J	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.7	—	—	15	µg/L	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0963	—	—	0.067	mg/L	Y	J	J	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.98	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.37	—	—	0.067	mg/L	Y	—	J+	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.2	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.2	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.12	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.42	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.26	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.18	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.74	—	—	3	µg/L	Y	J	J	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.52	—	—	3	µg/L	Y	J	J	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.04	—	—	3	µg/L	Y	J	J	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.95	—	—	3	µg/L	Y	J	J	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.32	—	—	3	µg/L	Y	J	J	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.57	—	—	3	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.38	—	—	3	µg/L	Y	J	J	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.59	—	—	3	µg/L	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.538	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.696	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.5	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.49	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.739	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.788	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.781	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.556	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	57.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	60.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	56.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	57.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	58.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	60.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	57.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.84	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.21	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.27	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.97	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.95	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.23	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.82	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.101	—	—	0.067	µg/L	Y	J	J	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.078	—	—	0.067	µg/L	Y	J	J	N3B-2020-686	CASA-20-192781	GELC
R-36	766.9	01/14/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.085	—	—	0.067	µg/L	Y	J	J	N3B-2020-686	CASA-20-192786	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	UF	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2508	CASA-19-182708	GELC
R-36	766.9	05/08/2019	WG	UF	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-1827	CASA-19-175194	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	UF	INIT	REG	Inorganic	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-786	CASA-19-166000	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.88	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.77	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.76	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.76	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.73	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	N	1.65	—	—	0.2	µg/L	Y	—	U	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.91	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.21	—	—	0.6	µg/L	Y	J	J	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.901	—	—	0.6	µg/L	Y	J	J	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.955	—	—	0.6	µg/L	Y	J	J	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.94	—	—	0.6	µg/L	Y	J	J	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.08	—	—	0.6	µg/L	Y	J	J	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.62	—	—	0.6	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.622	—	—	0.6	µg/L	Y	J	J	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.641	—	—	0.6	µg/L	Y	J	J	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.51	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.86	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.86	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.6	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.45	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.39	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.54	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.31	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.34	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.43	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.41	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.31	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.32	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.32	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.42	—	—	0.05	µg/L	Y	—	J-	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.82	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.98	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.85	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.89	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.89	—	—	0.05	mg/L	Y	—	J+	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.05	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.92	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.94	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	N	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.4	—	—	0.1	mg/L	Y	E	J+	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	200	—	—	1	µS/cm	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	200	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	151	—	—	1	µS/cm	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	1	µS/cm	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	192	—	—	1	µS/cm	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	63.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	66.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	62	—	—	1	µg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	64.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	67.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	63.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	63.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.55	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.66	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.37	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.42	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.24	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.52	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.22	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-375	CASA-21-210548	GELC
R-36	766.9	08/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1560	CASA-20-205947	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	01/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-686	CASA-20-192781	GELC
R-36	766.9	01/14/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-686	CASA-20-192786	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	07/11/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182708	GELC
R-36	766.9	05/08/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1827	CASA-19-175194	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	01/18/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-786	CASA-19-166000	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	8.97	—	—	2.5	µg/L	N	J	R	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.71	—	—	2.5	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	J+	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	J+	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	J+	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	84.3	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	08/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.139	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1560	CASA-20-205947	GELC
R-36	766.9	01/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-686	CASA-20-192781	GELC
R-36	766.9	01/14/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-686	CASA-20-192786	GELC
R-36	766.9	11/06/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0335	—	—	0.033	mg/L	Y	J	U	N3B-2020-285	CASA-20-189217	GELC
R-36	766.9	07/11/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0639	—	—	0.033	mg/L	Y	J	U	N3B-2019-2508	CASA-19-182708	GELC
R-36	766.9	05/08/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0711	—	—	0.033	mg/L	Y	J	J	N3B-2019-1827	CASA-19-175194	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0589	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0286	—	—	0.02	mg/L	Y	J	J	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0444	—	—	0.02	mg/L	Y	J	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0381	—	—	0.02	mg/L	Y	J	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	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-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.531	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.208	—	—	0.02	mg/L	Y	—	J+	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	11/10/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	10.148	1.872	3.136	—	pCi/L	Y	—	NQ	N3B-2021-380	CASA-21-210548	ARSL
R-36	766.9	08/12/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	8.613	1.666	3.099	—	pCi/L	Y	—	NQ	N3B-2020-1564	CASA-20-205947	ARSL
R-36	766.9	11/06/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	7.87	1.598	3.201	—	pCi/L	Y	—	NQ	N3B-2020-282	CASA-20-189217	ARSL
R-36	766.9	05/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	10.313	1.879	3.052	—	pCi/L	Y	Q	J-	N3B-2019-1829	CASA-19-175194	ARSL
R-36	766.9	11/14/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	11.48	2.046	3.085	—	pCi/L	Y	—	NQ	N3B-2019-480	CASA-19-164027	ARSL
R-36	766.9	11/06/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	10.528	1.791	2.259	—	pCi/L	Y	—	J-	2018-835	CASA-18-147999	ARSL
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.235	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.263	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.294	—	—	0.067	µg/L	Y	—	U	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	N	0.284	—	—	0.067	µg/L	Y	—	U	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.309	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.243	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.253	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	14.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	16.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	16.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	14.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	14.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	14.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-36	766.9	11/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	25.3	—	—	3.3	µg/L	Y	—	NQ	N3B-2021-375	CASA-21-210547	GELC
R-36	766.9	08/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	32	—	—	3.3	µg/L	Y	—	J+	N3B-2020-1560	CASA-20-198993	GELC
R-36	766.9	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	23.1	—	—	3.3	µg/L	Y	—	NQ	N3B-2020-686	CASA-20-192780	GELC
R-36	766.9	01/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	24	—	—	3.3	µg/L	Y	—	NQ	N3B-2020-686	CASA-20-192785	GELC
R-36	766.9	11/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	24	—	—	3.3	µg/L	Y	—	NQ	N3B-2020-285	CASA-20-189216	GELC
R-36	766.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	26.3	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182707	GELC
R-36	766.9	05/08/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	25	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-1827	CASA-19-175193	GELC
R-36	766.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	22.3	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-165999	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	J	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	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-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	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-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	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	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	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-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	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-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7	—	—	0.01	SU	Y	H	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	43.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	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-43 S1	903.9	11/14/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	42.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	47.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	46	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.65	—	—	2	µg/L	Y	J	J	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.79	—	—	2	µg/L	Y	J	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.66	—	—	2	µg/L	Y	J	J	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.57	—	—	2	µg/L	Y	J	J	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.69	—	—	2	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25	—	—	1	µg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	26.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.9	—	—	15	µg/L	Y	J	J	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.1	—	—	15	µg/L	Y	J	J	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.9	—	—	15	µg/L	Y	J	J	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.7	—	—	15	µg/L	Y	J	J	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	17.2	—	—	15	µg/L	Y	J	J	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16	—	—	15	µg/L	Y	J	J	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.98	—	—	0.067	mg/L	Y	—	J+	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.77	—	—	0.067	mg/L	Y	—	J+	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.58	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.96	—	—	0.067	mg/L	Y	—	J+	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	9.03	—	—	0.067	mg/L	Y	—	J+	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	9.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	9.03	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.68	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	202	—	—	3	µg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	194	—	—	3	µg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	215	—	—	3	µg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	223	—	—	15	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	222	—	—	15	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	205	—	—	3	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	197	—	—	3	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	199	—	—	3	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.332	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.347	—	—	0.033	mg/L	Y	—	J+	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.313	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.535	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.475	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	65.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	69	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	66.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	67.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	65.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	68.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	65.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.03	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.31	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.9	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.4	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.03	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.51	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.08	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.29	—	—	0.2	µg/L	Y	—	J+	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.17	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.3	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.27	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.24	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.24	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.36	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.11	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.88	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.61	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.68	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	2.02	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.69	—	—	0.6	µg/L	Y	J	J	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	12.4	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.31	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.67	—	—	0.85	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.91	—	—	0.17	mg/L	Y	—	J+	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.1	—	—	0.85	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.01	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.9	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.09	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	5.5	—	—	0.85	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.753	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.767	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.849	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.832	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.828	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.783	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.856	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.782	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.83	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.75	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.67	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-43 S1	903.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.73	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	E	J+	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µS/cm	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	209	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	158	—	—	1	µS/cm	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178	—	—	1	µS/cm	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	199	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	199	—	—	1	µS/cm	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	70	—	—	1	µg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	80.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	79.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	79	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	79	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	74	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	72.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	75	—	—	1	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	17.6	—	—	0.133	mg/L	Y	—	J+	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	17.8	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	11/19/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-437	CASA-21-210550	GELC
R-43 S1	903.9	08/05/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2020-1520	CASA-20-198995	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	01/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-665	CASA-20-192783	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	07/11/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182710	GELC
R-43 S1	903.9	05/10/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CASA-19-175196	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	01/18/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-786	CASA-19-166002	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	J+	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	216	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	193	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S1	903.9	08/05/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0349	—	—	0.033	mg/L	Y	J	J+	N3B-2020-1520	CASA-20-198995	GELC
R-43 S1	903.9	01/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0856	—	—	0.033	mg/L	Y	J	J+	N3B-2020-665	CASA-20-192783	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0583	—	—	0.033	mg/L	Y	J	U	N3B-2020-354	CASA-20-189220	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0394	—	—	0.033	mg/L	Y	J	U	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	07/11/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0928	—	—	0.033	mg/L	Y	J	U	N3B-2019-2508	CASA-19-182710	GELC
R-43 S1	903.9	05/10/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0855	—	—	0.033	mg/L	Y	J	J	N3B-2019-1877	CASA-19-175196	GELC
R-43 S1	903.9	01/18/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-786	CASA-19-166002	GELC
R-43 S1	903.9	11/19/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.436	—	—	0.33	mg/L	Y	J	J	N3B-2021-437	CASA-21-210550	GELC
R-43 S1	903.9	08/05/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.446	—	—	0.33	mg/L	Y	J	J	N3B-2020-1520	CASA-20-198995	GELC
R-43 S1	903.9	01/09/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.729	—	—	0.33	mg/L	Y	J	J	N3B-2020-665	CASA-20-192783	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.665	—	—	0.33	mg/L	Y	J	J	N3B-2020-354	CASA-20-189220	GELC
R-43 S1	903.9	11/14/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.639	—	—	0.33	mg/L	Y	J	J	N3B-2020-354	CASA-20-189222	GELC
R-43 S1	903.9	07/11/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.59	—	—	0.33	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182710	GELC
R-43 S1	903.9	05/10/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.498	—	—	0.33	mg/L	Y	J	J	N3B-2019-1877	CASA-19-175196	GELC
R-43 S1	903.9	01/18/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.804	—	—	0.33	mg/L	Y	J	J	N3B-2019-786	CASA-19-166002	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.1	—	—	0.067	µg/L	Y	J	J	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.109	—	—	0.067	µg/L	Y	J	J	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.112	—	—	0.067	µg/L	Y	J	U	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.104	—	—	0.067	µg/L	Y	J	J	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.104	—	—	0.067	µg/L	Y	J	J	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.103	—	—	0.067	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.11	—	—	0.067	µg/L	Y	J	J	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.06	—	—	1	µg/L	Y	—	NQ	N3B-2021-437	CASA-21-210549	GELC
R-43 S1	903.9	08/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.75	—	—	1	µg/L	Y	—	NQ	N3B-2020-1520	CASA-20-198996	GELC
R-43 S1	903.9	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-665	CASA-20-192782	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189219	GELC
R-43 S1	903.9	11/14/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.21	—	—	1	µg/L	Y	—	NQ	N3B-2020-354	CASA-20-189221	GELC
R-43 S1	903.9	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.97	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182709	GELC
R-43 S1	903.9	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.52	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175195	GELC
R-43 S1	903.9	01/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.07	—	—	1	µg/L	Y	—	NQ	N3B-2019-786	CASA-19-166001	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.86	—	—	0.01	SU	Y	H	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.88	—	—	0.01	SU	Y	H	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.9	—	—	0.01	SU	Y	H	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.84	—	—	0.01	SU	Y	H	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.93	—	—	0.01	SU	Y	H	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.74	—	—	0.01	SU	Y	H	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.81	—	—	0.01	SU	Y	H	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.71	—	—	0.01	SU	Y	H	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	11.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	11	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	11.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	9.54	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	8.74	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	9.14	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	UH	U	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	8.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0187	—	—	0.017	mg/L	Y	J	J	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	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-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0263	—	—	0.017	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.108	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.028	—	—	0.017	mg/L	Y	J	J	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0661	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.52	—	—	2	µg/L	Y	J	J	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.01	—	—	2	µg/L	Y	J	J	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.12	—	—	2	µg/L	Y	J	J	N3B-2020-665	CASA-20-192787	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.11	—	—	2	µg/L	Y	J	J	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	3.39	—	—	2	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.24	—	—	2	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.9	—	—	2	µg/L	Y	J	J	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.46	—	—	2	µg/L	Y	J	J	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26	—	—	1	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	37.6	—	—	15	µg/L	Y	J	J	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	35.7	—	—	15	µg/L	Y	J	J	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	33.3	—	—	15	µg/L	Y	J	J	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.2	—	—	15	µg/L	Y	J	J	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	29.9	—	—	15	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.5	—	—	15	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.4	—	—	15	µg/L	Y	J	J	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.9	—	—	15	µg/L	Y	J	J	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.12	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.55	—	—	0.067	mg/L	Y	—	J+	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.99	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.39	—	—	0.067	mg/L	Y	—	J+	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.97	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.99	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.47	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.37	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	49.1	—	—	3	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	40.3	—	—	3	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	35.2	—	—	3	µg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	32.1	—	—	3	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	32.4	—	—	3	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	31.6	—	—	3	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	29.6	—	—	3	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	24.6	—	—	3	µg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.445	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.471	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.271	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.466	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.576	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.576	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.376	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.256	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	61.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	61.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	54.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-43 S2	969.1	01/22/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	56.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	Y	2.85	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	Y	0.646	—	—	0.5	µg/L	Y	J	J	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.7	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.4	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.49	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.01	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.81	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.75	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.86	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.82	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.54	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.34	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.26	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.45	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.43	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.34	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.67	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.47	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.977	—	—	0.6	µg/L	Y	J	J	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.92	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.89	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.14	—	—	0.17	mg/L	Y	—	J+	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.18	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.79	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.66	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.9	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.81	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.941	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.926	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.933	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.903	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.918	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.899	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.953	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.877	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.41	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.33	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.26	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-43 S2	969.1	01/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.7	—	—	0.1	mg/L	Y	N	J-	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	13.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	—	1	µS/cm	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	196	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	—	1	µS/cm	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	99.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	106	—	—	1	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	99.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	97.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	91.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	91.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	11	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.8	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.53	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.44	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	11/03/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-287	CASA-21-210553	GELC
R-43 S2	969.1	08/07/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1536	CASA-20-198997	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	01/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-665	CASA-20-192788	GELC
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182712	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182714	GELC
R-43 S2	969.1	05/16/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1943	CASA-19-175198	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	01/22/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-792	CASA-19-166004	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	J+	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	190	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	77.1	—	—	3.4	mg/L	Y	—	J+	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-43 S2	969.1	11/03/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.331	—	—	0.33	mg/L	Y	J	J	N3B-2021-287	CASA-21-210553	GELC
R-43 S2	969.1	08/07/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.413	—	—	0.33	mg/L	Y	J	J	N3B-2020-1536	CASA-20-198997	GELC
R-43 S2	969.1	01/09/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.471	—	—	0.33	mg/L	Y	J	J	N3B-2020-665	CASA-20-192788	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.815	—	—	0.33	mg/L	Y	J	J	N3B-2020-275	CASA-20-189225	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.714	—	—	0.33	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182712	GELC
R-43 S2	969.1	07/11/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.806	—	—	0.33	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182714	GELC
R-43 S2	969.1	05/16/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.902	—	—	0.33	mg/L	Y	J	J	N3B-2019-1991	CASA-19-175198	GELC
R-43 S2	969.1	01/22/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.344	—	—	0.33	mg/L	Y	J	J	N3B-2019-792	CASA-19-166004	GELC
R-43 S2	969.1	11/03/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.639	0.997	3.319	—	pCi/L	Y	U	U	N3B-2021-301	CASA-21-210553	ARSL
R-43 S2	969.1	11/05/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.021	0.889	2.903	—	pCi/L	Y	U	U	N3B-2020-282	CASA-20-189225	ARSL
R-43 S2	969.1	11/08/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.855	0.833	2.549	—	pCi/L	Y	U	U	N3B-2019-480	CASA-19-164031	ARSL
R-43 S2	969.1	11/09/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.926	0.678	2.305	—	pCi/L	Y	QU	U	2018-932	CASA-18-148001	ARSL
R-43 S2	969.1	11/14/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.685	0.693	2.286	—	pCi/L	Y	U	U	2017-494	CASA-17-127276	ARSL
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.313	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.289	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.289	—	—	0.067	µg/L	Y	—	U	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.321	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.321	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.302	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.315	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	11/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.78	—	—	1	µg/L	Y	—	NQ	N3B-2021-287	CASA-21-210552	GELC
R-43 S2	969.1	08/07/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.39	—	—	1	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-198998	GELC
R-43 S2	969.1	01/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.68	—	—	1	µg/L	Y	—	NQ	N3B-2020-665	CASA-20-192787	GELC
R-43 S2	969.1	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.67	—	—	1	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189224	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	7.83	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182713	GELC
R-43 S2	969.1	07/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.13	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182711	GELC
R-43 S2	969.1	05/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175197	GELC
R-43 S2	969.1	01/22/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.39	—	—	1	µg/L	Y	—	NQ	N3B-2019-792	CASA-19-166003	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	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-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	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	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	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-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	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-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	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-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0637	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0894	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0267	—	—	0.017	mg/L	Y	J	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0388	—	—	0.017	mg/L	Y	J	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0626	—	—	0.017	mg/L	Y	—	U	N3B-2020-928	CAMO-20-193943	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0758	—	—	0.017	mg/L	Y	—	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0203	—	—	0.017	mg/L	Y	J	J	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.02	—	—	2	µg/L	Y	J	J	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.12	—	—	2	µg/L	Y	J	J	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.39	—	—	2	µg/L	Y	J	J	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.14	—	—	2	µg/L	Y	J	J	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.3	—	—	2	µg/L	Y	J	J	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.42	—	—	2	µg/L	Y	J	J	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.87	—	—	2	µg/L	Y	J	J	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.1	—	—	2	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.9	—	—	2	µg/L	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41	—	—	1	µg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	42.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	39.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.3	—	—	15	µg/L	Y	J	J	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.9	—	—	15	µg/L	Y	J	J	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21	—	—	15	µg/L	Y	J	J	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.2	—	—	15	µg/L	Y	J	J	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.9	—	—	15	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	21.9	—	—	15	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.4	—	—	15	µg/L	Y	J	J	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.1	—	—	15	µg/L	Y	J	J	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.16	—	—	0.067	mg/L	Y	J	J	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.144	—	—	0.067	mg/L	Y	J	J	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.145	—	—	0.067	mg/L	Y	J	J	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.158	—	—	0.067	mg/L	Y	J	J	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.122	—	—	0.067	mg/L	Y	J	J	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.128	—	—	0.067	mg/L	Y	J	J	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.151	—	—	0.067	mg/L	Y	J	J	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.152	—	—	0.067	mg/L	Y	J	J	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.15	—	—	0.067	mg/L	Y	J	J	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.152	—	—	0.067	mg/L	Y	J	J	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.146	—	—	0.067	mg/L	Y	J	J	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.157	—	—	0.067	mg/L	Y	J	J+	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.144	—	—	0.067	mg/L	Y	J	J	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.153	—	—	0.067	mg/L	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	25	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	26	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	25.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.4	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.8	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.8	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.4	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.5	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.5	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.6	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.3	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.2	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.8	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	20.3	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.7	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.09	—	—	3	µg/L	Y	J	J	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4	—	—	3	µg/L	Y	J	J	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.47	—	—	3	µg/L	Y	J	J	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.47	—	—	3	µg/L	Y	J	J	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.26	—	—	3	µg/L	Y	J	J	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.6	—	—	3	µg/L	Y	J	J	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	7.38	—	—	3	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	7.09	—	—	3	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.13	—	—	3	µg/L	Y	J	J	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.36	—	—	3	µg/L	Y	J	J	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.38	—	—	3	µg/L	Y	J	J	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.04	—	—	3	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.35	—	—	3	µg/L	Y	J	J	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.04	—	—	3	µg/L	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	Y	1.31	—	—	1	µg/L	Y	J	J	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1.31	—	—	1	µg/L	Y	J	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.275	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.202	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.249	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.319	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.176	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.384	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.274	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.262	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.157	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.301	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.144	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.401	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.241	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.339	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	90.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	88.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	93.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	90.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	82.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	94.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	93.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	94.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	94.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	92.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	90.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	88.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	90	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	83.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	88.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	43.7	—	—	30	µg/L	Y	J	J	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	60.2	—	—	30	µg/L	Y	J	J	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	34.1	—	—	30	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	Y	37.6	—	—	30	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	46.1	—	—	30	µg/L	Y	J	J	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	43.7	—	—	30	µg/L	Y	J	J	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	52.4	—	—	30	µg/L	Y	J	U	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	30.4	—	—	30	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.9	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.57	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.74	—	—	0.11	mg/L	Y	N	J-	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.96	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.84	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.74	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.17	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.33	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.49	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.39	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.01	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.27	—	—	2	µg/L	Y	J	J	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.65	—	—	2	µg/L	Y	J	J	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.119	—	—	0.067	µg/L	Y	J	J	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	09/10/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.091	—	—	0.067	µg/L	Y	J	J	N3B-2020-1740	CAMO-20-205998	GELC
R-44 S1	895.0	08/11/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1554	CAMO-20-198883	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	07/29/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1439	CAMO-20-205412	GELC
R-44 S1	895.0	06/25/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1219	CAMO-20-205254	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	03/12/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1076	CAMO-20-196233	GELC
R-44 S1	895.0	03/12/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1076	CAMO-20-196265	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.626	—	—	0.2	µg/L	Y	J	J	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.443	—	—	0.2	µg/L	Y	J	J	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.602	—	—	0.2	µg/L	Y	J	J	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.572	—	—	0.2	µg/L	Y	J	J	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.574	—	—	0.2	µg/L	Y	J	J	N3B-2020-1439	CAMO-20-205413	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.575	—	—	0.2	µg/L	Y	J	J	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.813	—	—	0.2	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.527	—	—	0.2	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.613	—	—	0.2	µg/L	Y	J	J	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.677	—	—	0.2	µg/L	Y	J	J	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.583	—	—	0.2	µg/L	Y	J	J	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.577	—	—	0.2	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.617	—	—	0.2	µg/L	Y	J	J	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.661	—	—	0.2	µg/L	Y	J	J	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	33.3	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	31.7	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	41.2	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	32	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	37.1	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	42.6	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	49.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	77.1	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	79.5	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	109	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	80.5	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	62.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	42.8	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	29.2	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	25.4	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.55	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.23	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.53	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.49	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.42	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.56	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.23	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.37	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.33	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.39	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.42	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.44	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.66	—	—	0.085	mg/L	Y	—	J+	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.36	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.327	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.332	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.305	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.304	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.313	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.314	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.315	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.298	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.316	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.312	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.344	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.298	—	—	0.05	µg/L	Y	—	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.306	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.313	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.59	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.63	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.67	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1219	CAMO-20-205255	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.63	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.59	—	—	0.05	mg/L	Y	—	J+	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	Y	2.18	—	—	2	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	N	J-	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	J+	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	261	—	—	1	µS/cm	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	269	—	—	1	µS/cm	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	243	—	—	1	µS/cm	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	263	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	257	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	250	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	205	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	209	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	230	—	—	1	µS/cm	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207	—	—	1	µS/cm	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	231	—	—	1	µS/cm	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	230	—	—	1	µS/cm	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	225	—	—	1	µS/cm	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	225	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	109	—	—	1	µg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	106	—	—	1	µg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	116	—	—	1	µg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	107	—	—	1	µg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	120	—	—	1	µg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	117	—	—	1	µg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	110	—	—	1	µg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	110	—	—	1	µg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	112	—	—	1	µg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	109	—	—	1	µg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	111	—	—	1	µg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	108	—	—	1	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.9	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.9	—	—	0.133	mg/L	Y	—	J+	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.5	—	—	0.665	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.8	—	—	0.665	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.1	—	—	0.665	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	12/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-606	CAMO-21-210994	GELC
R-44 S1	895.0	11/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-417	CAMO-21-210555	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	10/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-49	CAMO-21-208154	GELC
R-44 S1	895.0	09/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1740	CAMO-20-205998	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	08/11/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1554	CAMO-20-198883	GELC
R-44 S1	895.0	07/29/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1439	CAMO-20-205412	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	06/25/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1219	CAMO-20-205254	GELC
R-44 S1	895.0	03/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-1076	CAMO-20-196233	GELC
R-44 S1	895.0	03/12/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-1076	CAMO-20-196265	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	02/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-928	CAMO-20-193942	GELC
R-44 S1	895.0	01/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-714	CAMO-20-192723	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	12/10/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-507	CAMO-20-190661	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	10/11/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-98	CAMO-20-188142	GELC
R-44 S1	895.0	09/12/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3285	CAMO-19-186510	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	10.6	—	—	2.5	µg/L	N	—	R	N3B-2021-417	CAMO-21-210554	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.95	—	—	2.5	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	Y	3.86	—	—	2.5	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	231	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	219	—	—	3.4	mg/L	Y	—	J+	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	190	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	191	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	191	—	—	3.4	mg/L	Y	—	J	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	217	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	206	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	200	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	Y	—	J+	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	J+	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	210	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	214	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	06/25/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0655	—	—	0.033	mg/L	Y	J	J	N3B-2020-1219	CAMO-20-205254	GELC
R-44 S1	895.0	03/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1076	CAMO-20-196233	GELC
R-44 S1	895.0	03/12/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1076	CAMO-20-196265	GELC
R-44 S1	895.0	02/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0683	—	—	0.033	mg/L	Y	J	U	N3B-2020-928	CAMO-20-193942	GELC
R-44 S1	895.0	01/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0866	—	—	0.033	mg/L	Y	J	U	N3B-2020-714	CAMO-20-192723	GELC
R-44 S1	895.0	12/10/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-507	CAMO-20-190661	GELC
R-44 S1	895.0	12/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.45	—	—	0.33	mg/L	Y	J	J	N3B-2021-606	CAMO-21-210994	GELC
R-44 S1	895.0	10/08/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.431	—	—	0.33	mg/L	Y	J	J	N3B-2021-49	CAMO-21-208154	GELC
R-44 S1	895.0	06/25/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.79	—	—	0.33	mg/L	Y	J	J	N3B-2020-1219	CAMO-20-205254	GELC
R-44 S1	895.0	02/20/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.379	—	—	0.33	mg/L	Y	J	J	N3B-2020-928	CAMO-20-193942	GELC
R-44 S1	895.0	01/21/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-714	CAMO-20-192723	GELC
R-44 S1	895.0	12/10/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.463	—	—	0.33	mg/L	Y	J	J	N3B-2020-507	CAMO-20-190661	GELC
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.558	—	—	0.33	mg/L	Y	J	J	N3B-2020-404	CAMO-20-189163	GELC
R-44 S1	895.0	10/11/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-98	CAMO-20-188142	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0267	—	—	0.02	mg/L	Y	J	J	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.11	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0835	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.705	—	—	0.02	mg/L	Y	—	J+	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0946	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0893	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0913	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0402	—	—	0.02	mg/L	Y	J	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0269	—	—	0.02	mg/L	Y	J	J	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	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-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0353	—	—	0.02	mg/L	Y	J	U	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	08/11/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	45.051	6.913	2.973	—	pCi/L	Y	—	NQ	N3B-2020-1564	CAMO-20-206165	ARSL
R-44 S1	895.0	01/21/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	31.157	4.863	3.03	—	pCi/L	Y	—	NQ	N3B-2020-738	CAMO-20-192723	ARSL
R-44 S1	895.0	11/20/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	44.268	6.798	2.849	—	pCi/L	Y	—	NQ	N3B-2020-398	CAMO-20-189163	ARSL
R-44 S1	895.0	07/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	26.987	4.27	3.28	—	pCi/L	Y	—	NQ	N3B-2019-2583	CAMO-19-181837	ARSL
R-44 S1	895.0	05/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	28.324	4.45	3.111	—	pCi/L	Y	—	NQ	N3B-2019-1983	CAMO-19-175149	ARSL
R-44 S1	895.0	01/22/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	21.841	3.461	2.709	—	pCi/L	Y	—	NQ	N3B-2019-836	CAMO-19-165973	ARSL
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.839	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.899	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.876	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.801	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.825	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.802	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.788	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-205255	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.87	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.854	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.75	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.849	—	—	0.067	µg/L	Y	—	J+	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.819	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.771	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.788	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.775	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.42	—	—	1	µg/L	Y	J	J	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.57	—	—	1	µg/L	Y	J	J	N3B-2021-417	CAMO-21-210554	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.22	—	—	1	µg/L	Y	J	J	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.63	—	—	1	µg/L	Y	J	J	N3B-2020-1740	CAMO-20-205999	GELC
R-44 S1	895.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.22	—	—	1	µg/L	Y	J	J	N3B-2020-1554	CAMO-20-198884	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.16	—	—	1	µg/L	Y	J	J	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.83	—	—	1	µg/L	Y	J	J	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.55	—	—	1	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	3.45	—	—	1	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.62	—	—	1	µg/L	Y	J	J	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.28	—	—	1	µg/L	Y	J	J	N3B-2020-714	CAMO-20-192722	GELC
R-44 S1	895.0	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.52	—	—	1	µg/L	Y	J	J	N3B-2020-507	CAMO-20-190662	GELC
R-44 S1	895.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.27	—	—	1	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189162	GELC
R-44 S1	895.0	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.29	—	—	1	µg/L	Y	J	J	N3B-2020-98	CAMO-20-188143	GELC
R-44 S1	895.0	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	N	19	—	—	3.3	µg/L	Y	J	U	N3B-2019-3285	CAMO-19-186511	GELC
R-44 S1	895.0	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.07	—	—	3.3	µg/L	Y	J	J	N3B-2021-606	CAMO-21-210995	GELC
R-44 S1	895.0	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.62	—	—	3.3	µg/L	Y	J	J	N3B-2021-49	CAMO-21-208155	GELC
R-44 S1	895.0	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	11.8	—	—	3.3	µg/L	Y	J	J	N3B-2020-1439	CAMO-20-205413	GELC
R-44 S1	895.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	11.1	—	—	3.3	µg/L	Y	J	U	N3B-2020-1219	CAMO-20-205255	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-1076	CAMO-20-196234	GELC
R-44 S1	895.0	03/12/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-1076	CAMO-20-196266	GELC
R-44 S1	895.0	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-928	CAMO-20-193943	GELC
R-44 S1	895.0	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-714	CAMO-20-192722	GELC
R-44 S2	985.3	12/14/2020	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-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	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-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	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-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	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-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	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-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	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-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	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-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	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-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	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-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-44 S2	985.3	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0311	—	—	0.017	mg/L	Y	J	J	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	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-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0772	—	—	0.017	mg/L	Y	—	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.042	—	—	0.017	mg/L	Y	J	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.158	—	—	0.017	mg/L	Y	—	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.069	—	—	0.017	mg/L	Y	—	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.32	—	—	2	µg/L	Y	J	J	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.17	—	—	2	µg/L	Y	J	J	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.07	—	—	2	µg/L	Y	J	J	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.13	—	—	2	µg/L	Y	J	J	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.14	—	—	2	µg/L	Y	J	J	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.2	—	—	2	µg/L	Y	J	J	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.27	—	—	2	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.37	—	—	2	µg/L	Y	J	J	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20	—	—	1	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	24.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.7	—	—	15	µg/L	Y	J	J	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.7	—	—	15	µg/L	Y	J	J	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.7	—	—	15	µg/L	Y	J	J	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.5	—	—	15	µg/L	Y	J	J	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.9	—	—	15	µg/L	Y	J	J	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	17.1	—	—	15	µg/L	Y	J	J	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.8	—	—	15	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.2	—	—	15	µg/L	Y	J	J	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.1	—	—	15	µg/L	Y	J	J	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.47	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.18	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.29	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.34	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.21	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.23	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.22	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.13	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.15	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.16	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.2	—	—	3	µg/L	Y	J	J	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.45	—	—	3	µg/L	Y	J	J	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.42	—	—	3	µg/L	Y	J	J	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.54	—	—	3	µg/L	Y	J	J	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.63	—	—	3	µg/L	Y	J	J	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	7.22	—	—	3	µg/L	Y	J	J	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.92	—	—	3	µg/L	Y	J	J	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	8.04	—	—	3	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.52	—	—	3	µg/L	Y	J	J	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	7.39	—	—	3	µg/L	Y	J	J	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.85	—	—	3	µg/L	Y	J	J	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.68	—	—	3	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.48	—	—	3	µg/L	Y	J	J	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.81	—	—	3	µg/L	Y	J	J	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	Y	1.2	—	—	1	µg/L	Y	J	J	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.497	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.369	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.564	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.386	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.357	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.324	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.573	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.581	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.43	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.305	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.422	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.29	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.518	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.419	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.557	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	47.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	47.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	48	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	47.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	54.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	54	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	48.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	47.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	45	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-44 S2	985.3	09/12/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	47.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	39.8	—	—	30	µg/L	Y	J	J	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.82	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.82	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.25	—	—	0.11	mg/L	Y	N	J-	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.98	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.42	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.22	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.42	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.51	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.12	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.15	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.9	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.23	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.67	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.12	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.194	—	—	0.067	µg/L	Y	J	J	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	09/10/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.111	—	—	0.067	µg/L	Y	J	J	N3B-2020-1740	CAMO-20-206001	GELC
R-44 S2	985.3	08/11/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1555	CAMO-20-198885	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	07/29/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1439	CAMO-20-205415	GELC
R-44 S2	985.3	06/26/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1238	CAMO-20-198508	GELC
R-44 S2	985.3	06/26/2020	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1238	CAMO-20-198511	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	03/12/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1076	CAMO-20-196236	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.885	—	—	0.2	µg/L	Y	J	J	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.643	—	—	0.2	µg/L	Y	J	J	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.795	—	—	0.2	µg/L	Y	J	J	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.751	—	—	0.2	µg/L	Y	J	J	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.761	—	—	0.2	µg/L	Y	J	J	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.766	—	—	0.2	µg/L	Y	J	J	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.817	—	—	0.2	µg/L	Y	J	J	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.836	—	—	0.2	µg/L	Y	J	J	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.8	—	—	0.2	µg/L	Y	J	J	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.86	—	—	0.2	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.817	—	—	0.2	µg/L	Y	J	J	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.85	—	—	0.2	µg/L	Y	J	J	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.695	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.632	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.716	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.72	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.685	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.73	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	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	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.753	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	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	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	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	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.66	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.658	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.665	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.661	—	—	0.017	mg/L	Y	—	J+	N3B-2020-98	CAMO-20-188146	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-44 S2	985.3	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.646	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.331	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.343	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.335	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.333	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.329	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.321	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.319	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.316	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.313	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.338	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.338	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.371	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.349	—	—	0.05	µg/L	Y	—	J	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.336	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.344	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.19	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	J+	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.71	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	N	J-	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.94	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.09	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.82	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.98	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	J+	N3B-2020-98	CAMO-20-188146	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-44 S2	985.3	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.62	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	144	—	—	1	µS/cm	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	1	µS/cm	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	129	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	103	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124	—	—	1	µS/cm	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	107	—	—	1	µS/cm	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	58.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55	—	—	1	µg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52	—	—	1	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.42	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.41	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.55	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.57	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.48	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.44	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.64	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	12/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-606	CAMO-21-210997	GELC
R-44 S2	985.3	11/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-417	CAMO-21-210558	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	10/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-49	CAMO-21-208161	GELC
R-44 S2	985.3	09/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1740	CAMO-20-206001	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	08/11/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1555	CAMO-20-198885	GELC
R-44 S2	985.3	07/29/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1439	CAMO-20-205415	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-44 S2	985.3	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1238	CAMO-20-198508	GELC
R-44 S2	985.3	06/26/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1238	CAMO-20-198511	GELC
R-44 S2	985.3	03/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-1076	CAMO-20-196236	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	02/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-928	CAMO-20-193953	GELC
R-44 S2	985.3	01/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-714	CAMO-20-192728	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	12/10/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-507	CAMO-20-190664	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	10/11/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-98	CAMO-20-188145	GELC
R-44 S2	985.3	09/12/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3285	CAMO-19-186517	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	7.94	—	—	2.5	µg/L	N	J	R	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.71	—	—	2.5	µg/L	Y	J	J	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	J+	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	J	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	J	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	J	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	J+	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	J+	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	94.3	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0754	—	—	0.033	mg/L	Y	J	J	N3B-2021-606	CAMO-21-210997	GELC
R-44 S2	985.3	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0617	—	—	0.033	mg/L	Y	J	J	N3B-2020-1238	CAMO-20-198508	GELC
R-44 S2	985.3	06/26/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1238	CAMO-20-198511	GELC
R-44 S2	985.3	03/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0449	—	—	0.033	mg/L	Y	J	J	N3B-2020-1076	CAMO-20-196236	GELC
R-44 S2	985.3	02/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0545	—	—	0.033	mg/L	Y	J	U	N3B-2020-928	CAMO-20-193953	GELC
R-44 S2	985.3	01/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.089	—	—	0.033	mg/L	Y	J	U	N3B-2020-714	CAMO-20-192728	GELC
R-44 S2	985.3	12/10/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-507	CAMO-20-190664	GELC
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-404	CAMO-20-189166	GELC
R-44 S2	985.3	12/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.409	—	—	0.33	mg/L	Y	J	J	N3B-2021-606	CAMO-21-210997	GELC
R-44 S2	985.3	10/08/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.367	—	—	0.33	mg/L	Y	J	J	N3B-2021-49	CAMO-21-208161	GELC
R-44 S2	985.3	09/10/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1740	CAMO-20-206001	GELC
R-44 S2	985.3	08/11/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1555	CAMO-20-198885	GELC
R-44 S2	985.3	07/29/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1439	CAMO-20-205415	GELC
R-44 S2	985.3	06/26/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1238	CAMO-20-198508	GELC
R-44 S2	985.3	06/26/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.339	—	—	0.33	mg/L	Y	J	U	N3B-2020-1238	CAMO-20-198511	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0302	—	—	0.02	mg/L	Y	J	J	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.087	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0798	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0301	—	—	0.02	mg/L	Y	J	J	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0827	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.101	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0433	—	—	0.02	mg/L	Y	J	U	N3B-2020-714	CAMO-20-192727	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-44 S2	985.3	12/10/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0347	—	—	0.02	mg/L	Y	J	J	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	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-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0378	—	—	0.02	mg/L	Y	J	U	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	08/11/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.612	0.955	3.249	—	pCi/L	Y	U	U	N3B-2020-1564	CAMO-20-198885	ARSL
R-44 S2	985.3	01/21/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.632	0.919	3.058	—	pCi/L	Y	U	U	N3B-2020-738	CAMO-20-192728	ARSL
R-44 S2	985.3	11/20/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.079	0.889	2.899	—	pCi/L	Y	U	U	N3B-2020-398	CAMO-20-189166	ARSL
R-44 S2	985.3	07/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.331	0.912	3.1	—	pCi/L	Y	U	U	N3B-2019-2583	CAMO-19-181851	ARSL
R-44 S2	985.3	05/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.87	1.721	5.859	—	pCi/L	Y	U	U	N3B-2019-1983	CAMO-19-175153	ARSL
R-44 S2	985.3	01/22/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.127	0.937	3.186	—	pCi/L	Y	U	U	N3B-2019-836	CAMO-19-165976	ARSL
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.488	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.5	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.481	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.453	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.445	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.437	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.453	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.486	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.491	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.451	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.477	—	—	0.067	µg/L	Y	—	J+	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.488	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.448	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.476	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.419	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	12/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.78	—	—	1	µg/L	Y	—	NQ	N3B-2021-606	CAMO-21-210998	GELC
R-44 S2	985.3	11/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.02	—	—	1	µg/L	Y	—	NQ	N3B-2021-417	CAMO-21-210557	GELC
R-44 S2	985.3	10/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.28	—	—	1	µg/L	Y	—	NQ	N3B-2021-49	CAMO-21-208162	GELC
R-44 S2	985.3	09/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.06	—	—	1	µg/L	Y	—	NQ	N3B-2020-1740	CAMO-20-206002	GELC
R-44 S2	985.3	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.69	—	—	1	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198886	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.58	—	—	1	µg/L	Y	—	NQ	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.64	—	—	1	µg/L	Y	—	NQ	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.33	—	—	1	µg/L	Y	—	NQ	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.09	—	—	1	µg/L	Y	—	NQ	N3B-2020-714	CAMO-20-192727	GELC
R-44 S2	985.3	12/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.88	—	—	1	µg/L	Y	—	NQ	N3B-2020-507	CAMO-20-190665	GELC
R-44 S2	985.3	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.95	—	—	1	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189165	GELC
R-44 S2	985.3	10/11/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.45	—	—	1	µg/L	Y	—	NQ	N3B-2020-98	CAMO-20-188146	GELC
R-44 S2	985.3	09/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	N	18.8	—	—	3.3	µg/L	Y	J	U	N3B-2019-3285	CAMO-19-186518	GELC
R-44 S2	985.3	07/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	16.3	—	—	3.3	µg/L	Y	J	J	N3B-2020-1439	CAMO-20-205416	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	12.9	—	—	3.3	µg/L	Y	J	U	N3B-2020-1238	CAMO-20-198512	GELC
R-44 S2	985.3	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	13.1	—	—	3.3	µg/L	Y	J	U	N3B-2020-1238	CAMO-20-198509	GELC
R-44 S2	985.3	03/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-1076	CAMO-20-196237	GELC
R-44 S2	985.3	02/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-928	CAMO-20-193954	GELC
R-44 S2	985.3	01/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-714	CAMO-20-192727	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	J	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	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-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	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-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	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	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	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-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	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-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	N3B-2020-139	CAMO-20-188149	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S1	880.0	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.14	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0266	—	—	0.017	mg/L	Y	J	U	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	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-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0424	—	—	0.017	mg/L	Y	J	U	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0517	—	—	0.017	mg/L	Y	—	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0434	—	—	0.017	mg/L	Y	J	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.8	—	—	2	µg/L	Y	J	J	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.53	—	—	2	µg/L	Y	J	J	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.22	—	—	2	µg/L	Y	J	J	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.42	—	—	2	µg/L	Y	J	J	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.08	—	—	2	µg/L	Y	J	J	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.18	—	—	2	µg/L	Y	J	J	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.07	—	—	2	µg/L	Y	J	J	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.5	—	—	2	µg/L	Y	J	J	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.87	—	—	2	µg/L	Y	J	J	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.36	—	—	2	µg/L	Y	J	J	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.01	—	—	2	µg/L	Y	J	J	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.51	—	—	2	µg/L	Y	J	J	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	34.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41	—	—	1	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	35.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	39.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.5	—	—	15	µg/L	Y	J	J	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.1	—	—	15	µg/L	Y	J	J	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.8	—	—	15	µg/L	Y	J	J	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.6	—	—	15	µg/L	Y	J	J	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.7	—	—	15	µg/L	Y	J	J	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	20.1	—	—	15	µg/L	Y	J	J	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.9	—	—	15	µg/L	Y	J	J	N3B-2020-1418	CAMO-20-205420	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	21.4	—	—	15	µg/L	Y	J	J	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	24.4	—	—	15	µg/L	Y	J	J	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.6	—	—	15	µg/L	Y	J	J	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.6	—	—	15	µg/L	Y	J	J	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.4	—	—	15	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.148	—	—	0.067	mg/L	Y	J	J	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.125	—	—	0.067	mg/L	Y	J	J	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.122	—	—	0.067	mg/L	Y	J	J	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0958	—	—	0.067	mg/L	Y	J	J	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0967	—	—	0.067	mg/L	Y	J	J	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.132	—	—	0.067	mg/L	Y	J	J	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.068	—	—	0.067	mg/L	Y	J	J	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	22	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.7	—	—	0.134	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	13.8	—	—	0.134	mg/L	Y	—	J+	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	12.5	—	—	0.134	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.6	—	—	0.134	mg/L	Y	—	J+	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.4	—	—	0.134	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.4	—	—	0.134	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.3	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.1	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.4	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	10.2	—	—	0.134	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	9.74	—	—	0.067	mg/L	Y	—	J+	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.15	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.88	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.82	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.89	—	—	0.067	mg/L	Y	—	J+	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.1	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	13.2	—	—	3	µg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	15	—	—	3	µg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	16.4	—	—	3	µg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	15.2	—	—	3	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	15.5	—	—	3	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	14.7	—	—	3	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	14.3	—	—	3	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	14.4	—	—	3	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	13.7	—	—	3	µg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	25.7	—	—	3	µg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	23.8	—	—	3	µg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	38.7	—	—	3	µg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	30.6	—	—	3	µg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	31.9	—	—	3	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	30	—	—	3	µg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	33	—	—	3	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	3.15	—	—	3	µg/L	Y	J	J	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.366	—	—	0.033	mg/L	Y	—	J-	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.26	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.417	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.329	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.241	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.25	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.225	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.225	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.451	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.278	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.288	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.28	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.349	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.391	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.393	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.0684	—	—	0.033	mg/L	Y	J	J	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	87.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	84.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	80.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	89.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	79.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	79.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	87.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	90.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	90.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	76	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	72.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	63.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	65	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	64.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	56.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	58.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.61	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.37	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.68	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.95	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.93	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.1	—	—	0.11	mg/L	Y	E	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.35	—	—	0.11	mg/L	Y	E	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.43	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.57	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.82	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.34	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.83	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.31	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.44	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.96	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1555	CAMO-20-198889	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.837	—	—	0.2	µg/L	Y	J	J	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.64	—	—	0.2	µg/L	Y	J	J	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.677	—	—	0.2	µg/L	Y	J	J	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.621	—	—	0.2	µg/L	Y	J	J	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.652	—	—	0.2	µg/L	Y	J	J	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.65	—	—	0.2	µg/L	Y	J	J	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.663	—	—	0.2	µg/L	Y	J	J	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.778	—	—	0.2	µg/L	Y	J	J	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.774	—	—	0.2	µg/L	Y	J	J	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.801	—	—	0.2	µg/L	Y	J	J	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.691	—	—	0.2	µg/L	Y	J	J	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.788	—	—	0.2	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.787	—	—	0.2	µg/L	Y	J	J	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.788	—	—	0.2	µg/L	Y	J	J	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.32	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.18	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.22	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.65	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.84	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.65	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.7	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.83	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.46	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.55	—	—	0.6	µg/L	Y	J	J	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.2	—	—	0.6	µg/L	Y	J	J	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.992	—	—	0.6	µg/L	Y	J	J	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.22	—	—	0.6	µg/L	Y	J	J	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.06	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.87	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.52	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.79	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.72	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.7	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.71	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.79	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.94	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.52	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.45	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.45	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.47	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.43	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.82	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.457	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.423	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.387	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.399	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.39	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.362	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.357	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.505	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.538	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S1	880.0	01/22/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.541	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.583	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.562	—	—	0.05	µg/L	Y	—	J	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.541	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.539	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.53	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.41	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.32	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.14	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.14	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.9	—	—	0.053	mg/L	Y	—	J+	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.85	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.69	—	—	0.1	mg/L	Y	—	J+	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	261	—	—	1	µS/cm	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	1	µS/cm	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	209	—	—	1	µS/cm	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	230	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	247	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	246	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	242	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	253	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	255	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	164	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	1	µS/cm	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	1	µS/cm	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	1	µS/cm	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	157	—	—	1	µS/cm	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	103	—	—	1	µg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	97.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	113	—	—	1	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	113	—	—	1	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	116	—	—	1	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	116	—	—	1	µg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	94.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	86.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	74.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	80.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	78.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	71.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	70.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	14.8	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	17.2	—	—	0.133	mg/L	Y	—	J+	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	11.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.4	—	—	0.133	mg/L	Y	—	J+	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.84	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.98	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.06	—	—	0.133	mg/L	Y	—	J+	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.83	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.96	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	12/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-634	CAMO-21-211000	GELC
R-45 S1	880.0	11/19/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-437	CAMO-21-210561	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	10/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-63	CAMO-21-208166	GELC
R-45 S1	880.0	09/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1766	CAMO-20-206004	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	08/11/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1555	CAMO-20-198888	GELC
R-45 S1	880.0	08/11/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1555	CAMO-20-198890	GELC
R-45 S1	880.0	07/28/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1418	CAMO-20-205419	GELC
R-45 S1	880.0	07/28/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1418	CAMO-20-205425	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	06/24/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1213	CAMO-20-205241	GELC
R-45 S1	880.0	03/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1086	CAMO-20-196239	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	02/28/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-981	CAMO-20-193956	GELC
R-45 S1	880.0	01/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-733	CAMO-20-192731	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	12/06/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-488	CAMO-20-190668	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	10/17/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-139	CAMO-20-188148	GELC
R-45 S1	880.0	09/26/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3594	CAMO-19-186520	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.27	—	—	2.5	µg/L	Y	J	J	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.57	—	—	2.5	µg/L	Y	J	J	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	4.81	—	—	2.5	µg/L	Y	J	U	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	5.09	—	—	2.5	µg/L	Y	J	U	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	5.72	—	—	2.5	µg/L	Y	J	U	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	6.68	—	—	2.5	µg/L	Y	J	U	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25	—	—	25	µg/L	Y	U	U	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.89	—	—	2.5	µg/L	Y	J	U	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	207	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	213	—	—	3.4	mg/L	Y	—	J+	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	J+	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	216	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	207	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	J	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	221	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	J+	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	213	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	10/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0985	—	—	0.033	mg/L	Y	J	J	N3B-2021-63	CAMO-21-208166	GELC
R-45 S1	880.0	01/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0915	—	—	0.033	mg/L	Y	J	J+	N3B-2020-733	CAMO-20-192731	GELC
R-45 S1	880.0	12/06/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.355	—	—	0.033	mg/L	Y	—	J+	N3B-2020-488	CAMO-20-190668	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	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	U	N3B-2020-139	CAMO-20-188148	GELC
R-45 S1	880.0	09/26/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-3594	CAMO-19-186520	GELC
R-45 S1	880.0	10/09/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.471	—	—	0.33	mg/L	Y	J	J	N3B-2021-63	CAMO-21-208166	GELC
R-45 S1	880.0	09/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.526	—	—	0.33	mg/L	Y	J	J	N3B-2020-1766	CAMO-20-206004	GELC
R-45 S1	880.0	07/28/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.399	—	—	0.33	mg/L	Y	J	J	N3B-2020-1418	CAMO-20-205419	GELC
R-45 S1	880.0	07/28/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.42	—	—	0.33	mg/L	Y	J	J	N3B-2020-1418	CAMO-20-205425	GELC
R-45 S1	880.0	02/28/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.417	—	—	0.33	mg/L	Y	J	J	N3B-2020-981	CAMO-20-193956	GELC
R-45 S1	880.0	01/22/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.392	—	—	0.33	mg/L	Y	J	J	N3B-2020-733	CAMO-20-192731	GELC
R-45 S1	880.0	12/06/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.339	—	—	0.33	mg/L	Y	J	J	N3B-2020-488	CAMO-20-190668	GELC
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.467	—	—	0.33	mg/L	Y	J	J	N3B-2020-388	CAMO-20-189169	GELC
R-45 S1	880.0	10/17/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.458	—	—	0.33	mg/L	Y	J	J	N3B-2020-139	CAMO-20-188148	GELC
R-45 S1	880.0	09/26/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.421	—	—	0.33	mg/L	Y	J	J	N3B-2019-3594	CAMO-19-186520	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.104	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0932	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0955	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0223	—	—	0.02	mg/L	Y	J	J	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	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-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.747	—	—	0.02	mg/L	Y	—	J+	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0976	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S1	880.0	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.166	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0419	—	—	0.02	mg/L	Y	J	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0238	—	—	0.02	mg/L	Y	J	J	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	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-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0212	—	—	0.02	mg/L	Y	J	J	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	08/11/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	33.856	5.273	3.234	—	pCi/L	Y	—	NQ	N3B-2020-1564	CAMO-20-198888	ARSL
R-45 S1	880.0	08/11/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	33.446	5.211	3.213	—	pCi/L	Y	—	NQ	N3B-2020-1564	CAMO-20-198890	ARSL
R-45 S1	880.0	01/22/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	6.9	1.484	3.204	—	pCi/L	Y	—	NQ	N3B-2020-738	CAMO-20-192731	ARSL
R-45 S1	880.0	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	5.095	1.178	2.732	—	pCi/L	Y	—	NQ	N3B-2020-398	CAMO-20-189169	ARSL
R-45 S1	880.0	07/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.646	1.002	3.192	—	pCi/L	Y	U	U	N3B-2019-2583	CAMO-19-181854	ARSL
R-45 S1	880.0	05/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.809	0.79	2.596	—	pCi/L	Y	U	U	N3B-2019-1983	CAMO-19-175156	ARSL
R-45 S1	880.0	01/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	5.007	1.277	3.203	—	pCi/L	Y	—	NQ	N3B-2019-773	CAMO-19-165979	ARSL
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.828	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.866	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.846	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.813	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.799	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.785	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.797	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.782	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.814	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.837	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.738	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.705	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.697	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.691	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.65	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.692	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.27	—	—	1	µg/L	Y	J	J	N3B-2021-634	CAMO-21-211001	GELC
R-45 S1	880.0	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.15	—	—	1	µg/L	Y	J	J	N3B-2021-437	CAMO-21-210560	GELC
R-45 S1	880.0	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.89	—	—	1	µg/L	Y	J	J	N3B-2021-63	CAMO-21-208167	GELC
R-45 S1	880.0	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.82	—	—	1	µg/L	Y	J	J	N3B-2020-1766	CAMO-20-206005	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.19	—	—	1	µg/L	Y	J	J	N3B-2020-1555	CAMO-20-198889	GELC
R-45 S1	880.0	08/11/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.13	—	—	1	µg/L	Y	J	J	N3B-2020-1555	CAMO-20-198891	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.72	—	—	1	µg/L	Y	J	J	N3B-2020-1418	CAMO-20-205420	GELC
R-45 S1	880.0	07/28/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.65	—	—	1	µg/L	Y	J	J	N3B-2020-1418	CAMO-20-205426	GELC
R-45 S1	880.0	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.02	—	—	1	µg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205242	GELC
R-45 S1	880.0	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.91	—	—	1	µg/L	Y	J	J	N3B-2020-1086	CAMO-20-196240	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.15	—	—	1	µg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.57	—	—	1	µg/L	Y	J	J	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.97	—	—	1	µg/L	Y	J	J	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.06	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.44	—	—	1	µg/L	Y	J	J	N3B-2020-139	CAMO-20-188149	GELC
R-45 S1	880.0	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	Y	6.33	—	—	3.3	µg/L	Y	J	J	N3B-2019-3594	CAMO-19-186521	GELC
R-45 S1	880.0	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.77	—	—	3.3	µg/L	Y	J	J	N3B-2020-981	CAMO-20-193957	GELC
R-45 S1	880.0	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-733	CAMO-20-192730	GELC
R-45 S1	880.0	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	9.5	—	—	3.3	µg/L	Y	J	J	N3B-2020-488	CAMO-20-190669	GELC
R-45 S1	880.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-388	CAMO-20-189168	GELC
R-45 S1	880.0	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.84	—	—	3.3	µg/L	Y	J	U	N3B-2020-139	CAMO-20-188149	GELC
R-45 S2	974.9	12/16/2020	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-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	J	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	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-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	0.01	SU	Y	H	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	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-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	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-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	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-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	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-2020-733	CAMO-20-192733	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S2	974.9	12/06/2019	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-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	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-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	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-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	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	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	RE	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	493	—	—	68	µg/L	N	—	R	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.081	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0197	—	—	0.017	mg/L	Y	J	J	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.127	—	—	0.017	mg/L	Y	—	J+	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0275	—	—	0.017	mg/L	Y	J	U	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0271	—	—	0.017	mg/L	Y	J	U	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0498	—	—	0.017	mg/L	Y	J	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	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-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.78	—	—	2	µg/L	Y	J	J	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.79	—	—	2	µg/L	Y	J	J	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.21	—	—	2	µg/L	Y	J	J	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.3	—	—	2	µg/L	Y	J	J	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.32	—	—	2	µg/L	Y	J	J	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.37	—	—	2	µg/L	Y	J	J	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.76	—	—	2	µg/L	Y	J	J	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.14	—	—	2	µg/L	Y	J	J	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.06	—	—	2	µg/L	Y	J	J	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.49	—	—	2	µg/L	Y	J	J	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.28	—	—	2	µg/L	Y	J	J	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.26	—	—	2	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.88	—	—	2	µg/L	Y	J	J	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	33.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28	—	—	1	µg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29	—	—	1	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.6	—	—	15	µg/L	Y	J	J	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.5	—	—	15	µg/L	Y	J	J	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.4	—	—	15	µg/L	Y	J	J	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.3	—	—	15	µg/L	Y	J	J	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	21.7	—	—	15	µg/L	Y	J	J	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.9	—	—	15	µg/L	Y	J	J	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.7	—	—	15	µg/L	Y	J	J	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	29.4	—	—	15	µg/L	Y	J	J	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	24.9	—	—	15	µg/L	Y	J	J	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.9	—	—	15	µg/L	Y	J	J	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.4	—	—	15	µg/L	Y	J	J	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.1	—	—	15	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16	—	—	15	µg/L	Y	J	J	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.2	—	—	15	µg/L	Y	J	J	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	18	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.18	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.06	—	—	0.067	mg/L	Y	—	J+	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.91	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.95	—	—	0.067	mg/L	Y	—	J+	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.01	—	—	0.067	mg/L	Y	—	J+	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.69	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.67	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.37	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.64	—	—	0.067	mg/L	Y	—	J+	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.45	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.08	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.08	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.26	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.08	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	55	—	—	3	µg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	49.9	—	—	3	µg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	47.6	—	—	3	µg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	42.6	—	—	3	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	45.8	—	—	3	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	43.6	—	—	3	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	42.2	—	—	3	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	42.1	—	—	3	µg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	47.6	—	—	3	µg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	38.1	—	—	3	µg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	42.1	—	—	3	µg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	32.7	—	—	3	µg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	35.2	—	—	3	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	32.5	—	—	3	µg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S2	974.9	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	36.4	—	—	3	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	3.09	—	—	3	µg/L	Y	J	J	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.612	—	—	0.033	mg/L	Y	—	J-	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.339	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.507	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.404	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.421	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.327	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.356	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.62	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.46	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.404	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.339	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.329	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.463	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.446	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.0692	—	—	0.033	mg/L	Y	J	J	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	68.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	67.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	70.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	70.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	69	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	58.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	69	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	66.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	66.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	64.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	61	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	65.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	66.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	56.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.34	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.33	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.59	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.89	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.84	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.69	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.82	—	—	0.11	mg/L	Y	E	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.52	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.17	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.74	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.56	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.22	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.51	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.72	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.03	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.926	—	—	0.2	µg/L	Y	J	J	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.92	—	—	0.2	µg/L	Y	J	J	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.915	—	—	0.2	µg/L	Y	J	J	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.893	—	—	0.2	µg/L	Y	J	J	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.952	—	—	0.2	µg/L	Y	J	J	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.02	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.949	—	—	0.2	µg/L	Y	J	J	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.898	—	—	0.2	µg/L	Y	J	J	N3B-2020-733	CAMO-20-192733	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.929	—	—	0.2	µg/L	Y	J	J	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.903	—	—	0.2	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.06	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.917	—	—	0.2	µg/L	Y	J	J	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.88	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.28	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.92	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.1	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.22	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.27	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.42	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.22	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.28	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.88	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.43	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.84	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.25	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.88	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.27	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	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-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.15	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.16	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.09	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.12	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.14	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.04	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.04	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.96	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.985	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.973	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.07	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.448	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.461	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.436	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.464	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.447	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.422	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.426	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.467	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.49	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.464	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.449	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.449	—	—	0.05	µg/L	Y	—	J	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.463	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.458	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.41	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.46	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.27	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.7	—	—	0.053	mg/L	Y	—	J+	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76	—	—	0.053	mg/L	Y	—	J+	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	J+	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µS/cm	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	1	µS/cm	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	172	—	—	1	µS/cm	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	186	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	164	—	—	1	µS/cm	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	165	—	—	1	µS/cm	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	1	µS/cm	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	1	µS/cm	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	1	µS/cm	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	73.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	73.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	78.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	79.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	77.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	66.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	82.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	78.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	76.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	70.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	65.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	73.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	75.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	67.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	66.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.57	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.11	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.31	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.36	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.77	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.03	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.79	—	—	0.133	mg/L	Y	—	J+	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.52	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.9	—	—	0.133	mg/L	Y	—	J+	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.47	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.08	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.4	—	—	0.133	mg/L	Y	—	J+	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.22	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.16	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	12/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-634	CAMO-21-211004	GELC
R-45 S2	974.9	11/19/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-437	CAMO-21-210564	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	10/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-63	CAMO-21-208191	GELC
R-45 S2	974.9	09/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1766	CAMO-20-206007	GELC
R-45 S2	974.9	09/14/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1766	CAMO-20-206010	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	08/11/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1555	CAMO-20-198943	GELC
R-45 S2	974.9	07/28/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1418	CAMO-20-205427	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	06/24/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1213	CAMO-20-205244	GELC
R-45 S2	974.9	03/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1086	CAMO-20-196242	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	02/28/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-981	CAMO-20-193959	GELC
R-45 S2	974.9	01/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-733	CAMO-20-192734	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	12/06/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-488	CAMO-20-190674	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	10/17/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-139	CAMO-20-188152	GELC
R-45 S2	974.9	09/26/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3594	CAMO-19-186526	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	J+	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	3.4	mg/L	Y	—	J+	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	193	—	—	3.4	mg/L	Y	—	J	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	190	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S2	974.9	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	J+	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	11/19/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0343	—	—	0.033	mg/L	Y	J	J+	N3B-2021-437	CAMO-21-210564	GELC
R-45 S2	974.9	09/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0445	—	—	0.033	mg/L	Y	J	J	N3B-2020-1766	CAMO-20-206007	GELC
R-45 S2	974.9	09/14/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1766	CAMO-20-206010	GELC
R-45 S2	974.9	01/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0521	—	—	0.033	mg/L	Y	J	J+	N3B-2020-733	CAMO-20-192734	GELC
R-45 S2	974.9	12/06/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	1.19	—	—	0.033	mg/L	Y	—	J+	N3B-2020-488	CAMO-20-190674	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	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	U	N3B-2020-139	CAMO-20-188152	GELC
R-45 S2	974.9	09/26/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0418	—	—	0.033	mg/L	Y	J	U	N3B-2019-3594	CAMO-19-186526	GELC
R-45 S2	974.9	12/16/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.451	—	—	0.33	mg/L	Y	J	J	N3B-2021-634	CAMO-21-211004	GELC
R-45 S2	974.9	10/09/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.494	—	—	0.33	mg/L	Y	J	J	N3B-2021-63	CAMO-21-208191	GELC
R-45 S2	974.9	09/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.589	—	—	0.33	mg/L	Y	J	J	N3B-2020-1766	CAMO-20-206007	GELC
R-45 S2	974.9	09/14/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.58	—	—	0.33	mg/L	Y	J	J	N3B-2020-1766	CAMO-20-206010	GELC
R-45 S2	974.9	08/11/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.345	—	—	0.33	mg/L	Y	J	J	N3B-2020-1555	CAMO-20-198943	GELC
R-45 S2	974.9	07/28/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.476	—	—	0.33	mg/L	Y	J	J	N3B-2020-1418	CAMO-20-205427	GELC
R-45 S2	974.9	03/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.436	—	—	0.33	mg/L	Y	J	J	N3B-2020-1086	CAMO-20-196242	GELC
R-45 S2	974.9	02/28/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.586	—	—	0.33	mg/L	Y	J	J	N3B-2020-981	CAMO-20-193959	GELC
R-45 S2	974.9	01/22/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.566	—	—	0.33	mg/L	Y	J	J	N3B-2020-733	CAMO-20-192734	GELC
R-45 S2	974.9	12/06/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.897	—	—	0.33	mg/L	Y	J	J	N3B-2020-488	CAMO-20-190674	GELC
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.759	—	—	0.33	mg/L	Y	J	J	N3B-2020-388	CAMO-20-189172	GELC
R-45 S2	974.9	10/17/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.74	—	—	0.33	mg/L	Y	J	J	N3B-2020-139	CAMO-20-188152	GELC
R-45 S2	974.9	09/26/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.669	—	—	0.33	mg/L	Y	J	J	N3B-2019-3594	CAMO-19-186526	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0963	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0871	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0995	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0763	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0246	—	—	0.02	mg/L	Y	J	J	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.784	—	—	0.02	mg/L	Y	—	J+	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0878	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.144	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.036	—	—	0.02	mg/L	Y	J	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0353	—	—	0.02	mg/L	Y	J	J	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0209	—	—	0.02	mg/L	Y	J	J	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0202	—	—	0.02	mg/L	Y	J	J	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	08/11/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4	1.186	3.237	—	pCi/L	Y	—	NQ	N3B-2020-1564	CAMO-20-198943	ARSL
R-45 S2	974.9	01/22/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	7.693	1.553	3.085	—	pCi/L	Y	—	NQ	N3B-2020-738	CAMO-20-192734	ARSL
R-45 S2	974.9	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	7.067	1.469	3.022	—	pCi/L	Y	—	NQ	N3B-2020-398	CAMO-20-189172	ARSL
R-45 S2	974.9	07/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.751	1.237	3.154	—	pCi/L	Y	—	NQ	N3B-2019-2583	CAMO-19-181857	ARSL
R-45 S2	974.9	05/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.486	1.131	2.824	—	pCi/L	Y	—	NQ	N3B-2019-1983	CAMO-19-175163	ARSL
R-45 S2	974.9	01/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	7.527	1.542	3.128	—	pCi/L	Y	—	NQ	N3B-2019-773	CAMO-19-166028	ARSL
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.685	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.712	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.727	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.657	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.681	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.654	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.635	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.656	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.733	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.653	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.655	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.673	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.673	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.646	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.699	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	12/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.45	—	—	1	µg/L	Y	—	NQ	N3B-2021-634	CAMO-21-211005	GELC
R-45 S2	974.9	11/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.62	—	—	1	µg/L	Y	—	NQ	N3B-2021-437	CAMO-21-210563	GELC
R-45 S2	974.9	10/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.39	—	—	1	µg/L	Y	—	NQ	N3B-2021-63	CAMO-21-208192	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-45 S2	974.9	09/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.57	—	—	1	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206008	GELC
R-45 S2	974.9	09/14/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.74	—	—	1	µg/L	Y	—	NQ	N3B-2020-1766	CAMO-20-206011	GELC
R-45 S2	974.9	08/11/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.78	—	—	1	µg/L	Y	—	NQ	N3B-2020-1555	CAMO-20-198944	GELC
R-45 S2	974.9	07/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.41	—	—	1	µg/L	Y	—	NQ	N3B-2020-1418	CAMO-20-205428	GELC
R-45 S2	974.9	06/24/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.92	—	—	1	µg/L	Y	—	NQ	N3B-2020-1213	CAMO-20-205245	GELC
R-45 S2	974.9	03/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1086	CAMO-20-196243	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.37	—	—	1	µg/L	Y	—	NQ	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.86	—	—	1	µg/L	Y	—	NQ	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.32	—	—	1	µg/L	Y	—	NQ	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.74	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.68	—	—	1	µg/L	Y	—	NQ	N3B-2020-139	CAMO-20-188153	GELC
R-45 S2	974.9	09/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	Y	7.41	—	—	3.3	µg/L	Y	J	J	N3B-2019-3594	CAMO-19-186527	GELC
R-45 S2	974.9	02/28/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.56	—	—	3.3	µg/L	Y	J	J	N3B-2020-981	CAMO-20-193960	GELC
R-45 S2	974.9	01/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-733	CAMO-20-192733	GELC
R-45 S2	974.9	12/06/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-488	CAMO-20-190675	GELC
R-45 S2	974.9	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-388	CAMO-20-189171	GELC
R-45 S2	974.9	10/17/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.63	—	—	3.3	µg/L	Y	J	U	N3B-2020-139	CAMO-20-188153	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	J	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	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-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	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-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	0.01	SU	Y	H	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0375	—	—	0.017	mg/L	Y	J	J	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	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-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	1.61	—	—	0.017	mg/L	Y	—	J+	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.036	—	—	0.017	mg/L	Y	J	J	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.112	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0275	—	—	0.017	mg/L	Y	J	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0579	—	—	0.017	mg/L	Y	—	U	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0379	—	—	0.017	mg/L	Y	J	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.12	—	—	0.017	mg/L	Y	—	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	Y	1.09	—	—	1	µg/L	Y	J	J	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-1028	CAMO-20-196246	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.47	—	—	2	µg/L	Y	J	J	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.07	—	—	2	µg/L	Y	J	J	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.02	—	—	2	µg/L	Y	J	J	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.57	—	—	2	µg/L	Y	J	J	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.51	—	—	2	µg/L	Y	J	J	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.83	—	—	2	µg/L	Y	J	J	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.04	—	—	2	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.93	—	—	2	µg/L	Y	J	J	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35	—	—	1	µg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37	—	—	1	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	36.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	34.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	34.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	33.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.5	—	—	15	µg/L	Y	J	J	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.7	—	—	15	µg/L	Y	J	J	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17	—	—	15	µg/L	Y	J	J	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.3	—	—	15	µg/L	Y	J	J	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.9	—	—	15	µg/L	Y	J	J	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16	—	—	15	µg/L	Y	J	J	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.5	—	—	15	µg/L	Y	J	J	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.2	—	—	15	µg/L	Y	J	J	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.138	—	—	0.067	mg/L	Y	J	J	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.142	—	—	0.067	mg/L	Y	J	J	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.12	—	—	0.067	mg/L	Y	J	J	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.13	—	—	0.067	mg/L	Y	J	J	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.159	—	—	0.067	mg/L	Y	J	J	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.136	—	—	0.067	mg/L	Y	J	J	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.14	—	—	0.067	mg/L	Y	J	J	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.153	—	—	0.067	mg/L	Y	J	J	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.153	—	—	0.067	mg/L	Y	J	J	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.147	—	—	0.067	mg/L	Y	J	J	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.149	—	—	0.067	mg/L	Y	J	J	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.137	—	—	0.067	mg/L	Y	J	J	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	UJ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.141	—	—	0.067	mg/L	Y	J	J	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.138	—	—	0.067	mg/L	Y	J	J+	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.136	—	—	0.067	mg/L	Y	J	J+	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	25.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	25.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.7	—	—	0.134	mg/L	Y	—	J-	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.3	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.4	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.3	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.1	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.5	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.1	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.8	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	20	—	—	0.268	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.4	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.6	—	—	0.268	mg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.6	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.4	—	—	0.335	mg/L	Y	—	J+	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.2	—	—	0.134	mg/L	Y	—	J+	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.6	—	—	0.134	mg/L	Y	—	J+	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	23.2	—	—	3	µg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	29.7	—	—	3	µg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	30.4	—	—	3	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	45.1	—	—	3	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	33.1	—	—	3	µg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	38.8	—	—	3	µg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	40.2	—	—	3	µg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	30.3	—	—	3	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	26.4	—	—	3	µg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	30.2	—	—	3	µg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	26.3	—	—	3	µg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	RE	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	35.8	—	—	3	µg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	45.8	—	—	15	µg/L	N	J	J	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	40.5	—	—	3	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	45.1	—	—	3	µg/L	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	44.1	—	—	3	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	43.1	—	—	3	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	Y	1.32	—	—	1	µg/L	Y	J	J	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.25	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.164	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.374	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.384	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.307	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.338	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.24	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.214	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.304	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.414	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.259	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.368	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.359	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	84.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	90.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	94.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	94.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	86.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	83.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	87.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	98.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	87.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	87.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	82.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	89.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	85.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	84.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	80.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	79.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.69	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.61	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.44	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.44	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.37	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.51	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.83	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.67	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.81	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.97	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.58	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.97	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.64	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.68	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.41	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.33	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.069	—	—	0.067	µg/L	Y	J	J	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	01/14/2020	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.108	—	—	0.067	µg/L	Y	J	J	N3B-2020-686	CAMO-20-192737	GELC
R-50 S1	1077.0	12/02/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-424	CAMO-20-190677	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	10/21/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-163	CAMO-20-188159	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.223	—	—	0.067	µg/L	Y	—	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.265	—	—	0.067	µg/L	Y	—	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.208	—	—	0.067	µg/L	Y	—	U	N3B-2019-3451	CAMO-19-186529	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.259	—	—	0.067	µg/L	Y	—	U	N3B-2019-3451	CAMO-19-186533	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.577	—	—	0.2	µg/L	Y	J	J	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.844	—	—	0.2	µg/L	Y	J	J	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.589	—	—	0.2	µg/L	Y	J	J	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.607	—	—	0.2	µg/L	Y	J	J	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.541	—	—	0.2	µg/L	Y	J	J	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.589	—	—	0.2	µg/L	Y	J	J	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.572	—	—	0.2	µg/L	Y	J	J	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.492	—	—	0.2	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.628	—	—	0.2	µg/L	Y	J	J	N3B-2020-163	CAMO-20-188160	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.623	—	—	0.2	µg/L	Y	J	J	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.628	—	—	0.2	µg/L	Y	J	J	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.55	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.7	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.96	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.53	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.81	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.22	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	7.61	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	14.6	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	7.86	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	8	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.75	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	10.8	—	—	3	µg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.77	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	8.09	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.32	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.36	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.8	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.28	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.55	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.57	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	—	—	0.17	mg/L	Y	—	J+	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.28	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.46	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.56	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.52	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.64	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.44	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.27	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.44	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.94	—	—	0.085	mg/L	Y	—	J+	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.25	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.29	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.375	—	—	0.05	µg/L	Y	—	J-	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.358	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.354	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.336	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.371	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.4	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.375	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.405	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.401	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.383	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.396	—	—	0.05	µg/L	Y	—	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.405	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.376	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.372	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.51	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.67	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.68	—	—	0.05	mg/L	Y	—	J+	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	J+	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	261	—	—	1	µS/cm	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	261	—	—	1	µS/cm	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	1	µS/cm	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	237	—	—	1	µS/cm	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	255	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	248	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	259	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	251	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	218	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	1	µS/cm	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	151	—	—	1	µS/cm	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	229	—	—	1	µS/cm	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	230	—	—	1	µS/cm	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	221	—	—	1	µS/cm	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	210	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	210	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	110	—	—	1	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	107	—	—	1	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	104	—	—	1	µg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	95	—	—	1	µg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	97.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	110	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	103	—	—	1	µg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	94.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	103	—	—	1	µg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	99.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	95	—	—	1	µg/L	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	91.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	90.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.4	—	—	0.665	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.2	—	—	0.665	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	17.4	—	—	0.665	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.5	—	—	0.665	mg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19	—	—	0.532	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.8	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	20.2	—	—	0.665	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	19.3	—	—	0.133	mg/L	Y	—	J+	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.1	—	—	0.133	mg/L	Y	—	J+	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18.1	—	—	0.133	mg/L	Y	—	J+	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	12/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2021-659	CAMO-21-211007	GELC
R-50 S1	1077.0	11/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-396	CAMO-21-210567	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	10/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-77	CAMO-21-208194	GELC
R-50 S1	1077.0	10/13/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-77	CAMO-21-208819	GELC
R-50 S1	1077.0	09/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1846	CAMO-20-206013	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	08/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1543	CAMO-20-198945	GELC
R-50 S1	1077.0	07/27/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1407	CAMO-20-205430	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1238	CAMO-20-198520	GELC
R-50 S1	1077.0	03/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1028	CAMO-20-196245	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	02/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-895	CAMO-20-193962	GELC
R-50 S1	1077.0	01/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-686	CAMO-20-192737	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	12/02/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-424	CAMO-20-190677	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	10/21/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-163	CAMO-20-188159	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3451	CAMO-19-186529	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3451	CAMO-19-186533	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.2	—	—	2.5	µg/L	Y	J	J	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	Y	3.33	—	—	2.5	µg/L	Y	J	J	N3B-2021-77	CAMO-21-208820	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	10.3	—	—	2.5	µg/L	Y	—	U	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25	—	—	25	µg/L	Y	U	U	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25	—	—	25	µg/L	Y	U	U	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	213	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	184	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	241	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	J	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	J+	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	106	—	—	3.4	mg/L	Y	—	J	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	229	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	250	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0549	—	—	0.033	mg/L	Y	J	J-	N3B-2021-659	CAMO-21-211007	GELC
R-50 S1	1077.0	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0924	—	—	0.033	mg/L	Y	J	J	N3B-2020-1238	CAMO-20-198520	GELC
R-50 S1	1077.0	03/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.078	—	—	0.033	mg/L	Y	J	U	N3B-2020-1028	CAMO-20-196245	GELC
R-50 S1	1077.0	02/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-895	CAMO-20-193962	GELC
R-50 S1	1077.0	01/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-686	CAMO-20-192737	GELC
R-50 S1	1077.0	12/02/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.203	—	—	0.033	mg/L	Y	—	U	N3B-2020-424	CAMO-20-190677	GELC
R-50 S1	1077.0	09/21/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.67	—	—	0.33	mg/L	Y	J	J	N3B-2020-1846	CAMO-20-206013	GELC
R-50 S1	1077.0	08/10/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.335	—	—	0.33	mg/L	Y	J	J	N3B-2020-1543	CAMO-20-198945	GELC
R-50 S1	1077.0	07/27/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.54	—	—	0.33	mg/L	Y	J	J	N3B-2020-1407	CAMO-20-205430	GELC
R-50 S1	1077.0	03/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.377	—	—	0.33	mg/L	Y	J	J	N3B-2020-1028	CAMO-20-196245	GELC
R-50 S1	1077.0	02/12/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.495	—	—	0.33	mg/L	Y	J	J	N3B-2020-895	CAMO-20-193962	GELC
R-50 S1	1077.0	01/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.391	—	—	0.33	mg/L	Y	J	J	N3B-2020-686	CAMO-20-192737	GELC
R-50 S1	1077.0	12/02/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.382	—	—	0.33	mg/L	Y	J	J	N3B-2020-424	CAMO-20-190677	GELC
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.501	—	—	0.33	mg/L	Y	J	J	N3B-2020-388	CAMO-20-189175	GELC
R-50 S1	1077.0	10/21/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.653	—	—	0.33	mg/L	Y	J	J	N3B-2020-163	CAMO-20-188159	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.338	—	—	0.33	mg/L	Y	J	J	N3B-2019-3451	CAMO-19-186529	GELC
R-50 S1	1077.0	09/20/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-3451	CAMO-19-186533	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0233	—	—	0.02	mg/L	Y	J	J	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.116	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0401	—	—	0.02	mg/L	Y	J	J	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.165	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.122	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0287	—	—	0.02	mg/L	Y	J	U	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0271	—	—	0.02	mg/L	Y	J	U	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.022	—	—	0.02	mg/L	Y	J	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0259	—	—	0.02	mg/L	Y	J	U	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	11/13/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	38.407	5.95	3.227	—	pCi/L	Y	—	NQ	N3B-2021-397	CAMO-21-210567	ARSL
R-50 S1	1077.0	08/10/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	38.534	5.954	3.052	—	pCi/L	Y	—	NQ	N3B-2020-1547	CAMO-20-198945	ARSL
R-50 S1	1077.0	01/14/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	31.75	4.931	2.813	—	pCi/L	Y	—	J-	N3B-2020-701	CAMO-20-192737	ARSL
R-50 S1	1077.0	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	44.824	6.887	2.932	—	pCi/L	Y	—	NQ	N3B-2020-398	CAMO-20-189175	ARSL
R-50 S1	1077.0	07/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	27.867	4.396	3.249	—	pCi/L	Y	—	NQ	N3B-2019-2583	CAMO-19-181860	ARSL
R-50 S1	1077.0	05/09/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	27.004	4.223	2.754	—	pCi/L	Y	—	NQ	N3B-2019-1983	CAMO-19-175166	ARSL
R-50 S1	1077.0	01/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	38.15	5.891	2.948	—	pCi/L	Y	—	NQ	N3B-2019-773	CAMO-19-165985	ARSL
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.691	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.692	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.719	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.721	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.719	—	—	0.067	µg/L	Y	—	J+	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.692	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.729	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205431	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.727	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.73	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.821	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.691	—	—	0.067	µg/L	Y	—	J+	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.731	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.633	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.713	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.597	—	—	0.067	µg/L	Y	—	J+	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.561	—	—	0.067	µg/L	Y	—	J+	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.78	—	—	1	µg/L	Y	J	J	N3B-2021-659	CAMO-21-211008	GELC
R-50 S1	1077.0	11/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.29	—	—	1	µg/L	Y	J	J	N3B-2021-396	CAMO-21-210566	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.24	—	—	1	µg/L	Y	J	J	N3B-2021-77	CAMO-21-208195	GELC
R-50 S1	1077.0	10/13/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.75	—	—	1	µg/L	Y	J	J	N3B-2021-77	CAMO-21-208820	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.46	—	—	1	µg/L	Y	J	J	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.06	—	—	1	µg/L	Y	J	J	N3B-2020-1543	CAMO-20-198946	GELC
R-50 S1	1077.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.96	—	—	1	µg/L	Y	J	J	N3B-2020-1407	CAMO-20-205431	GELC
R-50 S1	1077.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.44	—	—	1	µg/L	Y	J	J	N3B-2020-1238	CAMO-20-198521	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.85	—	—	1	µg/L	Y	J	J	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.14	—	—	1	µg/L	Y	J	J	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.07	—	—	1	µg/L	Y	J	J	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.02	—	—	1	µg/L	Y	J	J	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.79	—	—	1	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.88	—	—	1	µg/L	Y	J	J	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	N	8.79	—	—	3.3	µg/L	Y	J	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Vanadium	V	N	8.61	—	—	3.3	µg/L	Y	J	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S1	1077.0	09/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.61	—	—	3.3	µg/L	Y	J	J	N3B-2020-1846	CAMO-20-206014	GELC
R-50 S1	1077.0	03/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	8.83	—	—	3.3	µg/L	Y	J	J	N3B-2020-1028	CAMO-20-196246	GELC
R-50 S1	1077.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	8.3	—	—	3.3	µg/L	Y	J	J	N3B-2020-895	CAMO-20-193963	GELC
R-50 S1	1077.0	01/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	10.3	—	—	3.3	µg/L	Y	J	J	N3B-2020-686	CAMO-20-192736	GELC
R-50 S1	1077.0	12/02/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	10.1	—	—	3.3	µg/L	Y	J	J	N3B-2020-424	CAMO-20-190678	GELC
R-50 S1	1077.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	9.55	—	—	3.3	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189174	GELC
R-50 S1	1077.0	10/21/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	14.5	—	—	3.3	µg/L	Y	J	U	N3B-2020-163	CAMO-20-188160	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Zinc	Zn	N	16.6	—	—	3.3	µg/L	Y	J	U	N3B-2019-3451	CAMO-19-186530	GELC
R-50 S1	1077.0	09/20/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Zinc	Zn	N	15.8	—	—	3.3	µg/L	Y	J	U	N3B-2019-3451	CAMO-19-186534	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	J	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	J	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	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	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	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-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	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-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	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-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	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	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	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-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	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-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	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	N3B-2020-95	CAMO-20-188633	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188633	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	369	—	—	68	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0774	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.7	—	—	0.017	mg/L	Y	—	J+	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0325	—	—	0.017	mg/L	Y	J	J	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0505	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0203	—	—	0.017	mg/L	Y	J	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0261	—	—	0.017	mg/L	Y	J	J	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0366	—	—	0.017	mg/L	Y	J	J	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0697	—	—	0.017	mg/L	Y	—	J-	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.62	—	—	2	µg/L	Y	J	J	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.77	—	—	2	µg/L	Y	J	J	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.65	—	—	2	µg/L	Y	J	J	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.08	—	—	2	µg/L	Y	J	J	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.45	—	—	2	µg/L	Y	J	J	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.33	—	—	2	µg/L	Y	J	J	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.23	—	—	2	µg/L	Y	J	J	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.07	—	—	2	µg/L	Y	J	J	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.43	—	—	2	µg/L	Y	J	J	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.04	—	—	2	µg/L	Y	J	J	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.34	—	—	2	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.94	—	—	2	µg/L	Y	J	J	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.47	—	—	2	µg/L	Y	J	J	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.59	—	—	2	µg/L	Y	J	J	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23	—	—	1	µg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16	—	—	15	µg/L	Y	J	J	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16	—	—	15	µg/L	Y	J	J	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.5	—	—	15	µg/L	Y	J	J	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.4	—	—	15	µg/L	Y	J	J	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.4	—	—	15	µg/L	Y	J	J	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.5	—	—	15	µg/L	Y	J	J	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-95	CAMO-20-188167	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.3	—	—	0.067	mg/L	Y	—	J-	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.08	—	—	0.067	mg/L	Y	—	J-	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.13	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.17	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.32	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.22	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.13	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.3	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.13	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.26	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.36	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.17	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.34	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188633	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.28	—	—	0.067	mg/L	Y	—	J+	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.17	—	—	3	µg/L	Y	J	J	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.25	—	—	3	µg/L	Y	J	J	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.08	—	—	3	µg/L	Y	J	J	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.02	—	—	3	µg/L	Y	J	J	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.43	—	—	3	µg/L	Y	J	J	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.26	—	—	3	µg/L	Y	J	J	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.98	—	—	3	µg/L	Y	J	J	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.6	—	—	3	µg/L	Y	J	J	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.36	—	—	3	µg/L	Y	J	J	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.46	—	—	3	µg/L	Y	J	J	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.32	—	—	3	µg/L	Y	J	J	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.76	—	—	3	µg/L	Y	J	J	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.29	—	—	3	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.03	—	—	3	µg/L	Y	J	J	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.95	—	—	3	µg/L	Y	J	J	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.01	—	—	3	µg/L	Y	J	J	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.365	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.389	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.415	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.519	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.465	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.557	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.348	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.607	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.394	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.366	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.379	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.362	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.561	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.452	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.451	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188633	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.551	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	41.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	41.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	45.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	48.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	45.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	43	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	51.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	47.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	45.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	45.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	Y	34.4	—	—	30	µg/L	Y	J	J	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.68	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.73	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.95	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.29	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.31	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.07	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.79	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.53	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.27	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.54	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.96	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.98	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.96	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.91	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.81	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	Y	0.067	—	—	0.067	µg/L	Y	J	J	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.998	—	—	0.2	µg/L	Y	J	J	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.979	—	—	0.2	µg/L	Y	J	J	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.04	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.12	—	—	0.2	µg/L	Y	—	J+	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.991	—	—	0.2	µg/L	Y	J	J	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.957	—	—	0.2	µg/L	Y	J	J	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.99	—	—	0.2	µg/L	Y	J	J	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.991	—	—	0.2	µg/L	Y	J	J	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.983	—	—	0.2	µg/L	Y	J	J	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.03	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.03	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.18	—	—	0.6	µg/L	Y	J	J	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.12	—	—	0.6	µg/L	Y	J	J	N3B-2021-659	CAMO-21-211029	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.47	—	—	0.6	µg/L	Y	J	J	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.844	—	—	0.6	µg/L	Y	J	J	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.11	—	—	0.6	µg/L	Y	J	J	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.1	—	—	0.6	µg/L	Y	J	J	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.08	—	—	0.6	µg/L	Y	J	J	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.3	—	—	0.6	µg/L	Y	J	J	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.71	—	—	0.6	µg/L	Y	J	J	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.92	—	—	0.6	µg/L	Y	J	J	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.65	—	—	0.6	µg/L	Y	J	J	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.42	—	—	0.6	µg/L	Y	J	J	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.16	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.38	—	—	0.6	µg/L	Y	J	J	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.28	—	—	0.6	µg/L	Y	J	J	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.31	—	—	0.6	µg/L	Y	J	J	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.546	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.548	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.577	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.547	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.532	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	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	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.551	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.568	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	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-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.529	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	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-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.507	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	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	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.554	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.543	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.525	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.329	—	—	0.05	µg/L	Y	—	J-	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	—	0.05	µg/L	Y	—	J-	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.337	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.318	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.291	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.513	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.355	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.314	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.324	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.358	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.362	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.322	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.348	—	—	0.05	µg/L	Y	—	J	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.372	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.328	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188633	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.345	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.25	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.27	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.57	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.64	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.64	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.27	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	80.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	87.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	81	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188633	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.85	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	—	1	µS/cm	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	102	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124	—	—	1	µS/cm	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	107	—	—	1	µS/cm	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	N3B-2020-95	CAMO-20-188633	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	49	—	—	1	µg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.42	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.39	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.43	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.56	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.53	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.67	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.52	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.47	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.73	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.87	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.88	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188633	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.58	—	—	0.133	mg/L	Y	—	J+	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	12/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2021-659	CAMO-21-211010	GELC
R-50 S2	1185.0	12/17/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2021-659	CAMO-21-211028	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-444	CAMO-21-210570	GELC
R-50 S2	1185.0	11/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-444	CAMO-21-210571	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	10/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-77	CAMO-21-208197	GELC
R-50 S2	1185.0	09/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1864	CAMO-20-206018	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	08/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1573	CAMO-20-198947	GELC
R-50 S2	1185.0	07/27/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1407	CAMO-20-205433	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1238	CAMO-20-198536	GELC
R-50 S2	1185.0	03/05/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1033	CAMO-20-196248	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	02/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-895	CAMO-20-193965	GELC
R-50 S2	1185.0	01/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-665	CAMO-20-192740	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	12/03/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-427	CAMO-20-190680	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-95	CAMO-20-188633	GELC
R-50 S2	1185.0	10/10/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-95	CAMO-20-188162	GELC
R-50 S2	1185.0	10/10/2019	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-95	CAMO-20-188166	GELC
R-50 S2	1185.0	09/19/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3420	CAMO-19-186539	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	5.75	—	—	2.5	µg/L	N	J	R	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2021-77	CAMO-21-208198	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25	—	—	25	µg/L	Y	U	U	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	J	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	28.6	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	J	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188633	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.149	—	—	0.033	mg/L	Y	—	J-	N3B-2021-659	CAMO-21-211010	GELC
R-50 S2	1185.0	12/17/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	UJ	N3B-2021-659	CAMO-21-211028	GELC
R-50 S2	1185.0	10/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0748	—	—	0.033	mg/L	Y	J	J	N3B-2021-77	CAMO-21-208197	GELC
R-50 S2	1185.0	06/26/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0375	—	—	0.033	mg/L	Y	J	J	N3B-2020-1238	CAMO-20-198536	GELC
R-50 S2	1185.0	02/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.505	—	—	0.033	mg/L	Y	—	J+	N3B-2020-895	CAMO-20-193965	GELC
R-50 S2	1185.0	01/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-665	CAMO-20-192740	GELC
R-50 S2	1185.0	12/03/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.235	—	—	0.033	mg/L	Y	—	U	N3B-2020-427	CAMO-20-190680	GELC
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-388	CAMO-20-189178	GELC
R-50 S2	1185.0	10/10/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-95	CAMO-20-188162	GELC
R-50 S2	1185.0	10/10/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-95	CAMO-20-188166	GELC
R-50 S2	1185.0	10/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.344	—	—	0.33	mg/L	Y	J	J	N3B-2021-77	CAMO-21-208197	GELC
R-50 S2	1185.0	09/22/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.498	—	—	0.33	mg/L	Y	J	J	N3B-2020-1864	CAMO-20-206018	GELC
R-50 S2	1185.0	08/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1573	CAMO-20-198947	GELC
R-50 S2	1185.0	07/27/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1407	CAMO-20-205433	GELC
R-50 S2	1185.0	06/26/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1238	CAMO-20-198536	GELC
R-50 S2	1185.0	03/05/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1033	CAMO-20-196248	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0973	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0358	—	—	0.02	mg/L	Y	J	J	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0348	—	—	0.02	mg/L	Y	J	J	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.172	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.134	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.028	—	—	0.02	mg/L	Y	J	U	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	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-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	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-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0449	—	—	0.02	mg/L	Y	J	U	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.049	—	—	0.02	mg/L	Y	J	U	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	08/14/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.71	0.857	2.84	—	pCi/L	Y	UQ	UJ	N3B-2020-1592	CAMO-20-198947	ARSL
R-50 S2	1185.0	01/10/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.508	0.968	3.238	—	pCi/L	Y	U	U	N3B-2020-701	CAMO-20-192740	ARSL
R-50 S2	1185.0	11/19/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.752	0.89	2.949	—	pCi/L	Y	U	U	N3B-2020-398	CAMO-20-189178	ARSL
R-50 S2	1185.0	07/12/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.246	0.904	3.041	—	pCi/L	Y	U	U	N3B-2019-2583	CAMO-19-181864	ARSL
R-50 S2	1185.0	05/14/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.011	0.872	2.953	—	pCi/L	Y	U	U	N3B-2019-1983	CAMO-19-175169	ARSL
R-50 S2	1185.0	01/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.033	0.922	3.016	—	pCi/L	Y	U	U	N3B-2019-773	CAMO-19-165988	ARSL
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.475	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.49	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.449	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.511	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.499	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.49	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.536	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.509	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.486	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.559	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.478	—	—	0.067	µg/L	Y	—	J+	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.534	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.529	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.504	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.49	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.594	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3420	CAMO-19-186540	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.98	—	—	1	µg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211011	GELC
R-50 S2	1185.0	12/17/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.95	—	—	1	µg/L	Y	—	NQ	N3B-2021-659	CAMO-21-211029	GELC
R-50 S2	1185.0	11/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.18	—	—	1	µg/L	Y	—	NQ	N3B-2021-444	CAMO-21-210569	GELC
R-50 S2	1185.0	10/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.32	—	—	1	µg/L	Y	—	NQ	N3B-2021-77	CAMO-21-208198	GELC
R-50 S2	1185.0	09/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.33	—	—	1	µg/L	Y	—	NQ	N3B-2020-1864	CAMO-20-206019	GELC
R-50 S2	1185.0	08/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.34	—	—	1	µg/L	Y	—	NQ	N3B-2020-1573	CAMO-20-198948	GELC
R-50 S2	1185.0	07/27/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.88	—	—	1	µg/L	Y	—	NQ	N3B-2020-1407	CAMO-20-205434	GELC
R-50 S2	1185.0	06/26/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.13	—	—	1	µg/L	Y	—	NQ	N3B-2020-1238	CAMO-20-198537	GELC
R-50 S2	1185.0	03/05/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.35	—	—	1	µg/L	Y	—	NQ	N3B-2020-1033	CAMO-20-196249	GELC
R-50 S2	1185.0	02/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.73	—	—	1	µg/L	Y	—	NQ	N3B-2020-895	CAMO-20-193966	GELC
R-50 S2	1185.0	01/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.61	—	—	1	µg/L	Y	—	NQ	N3B-2020-665	CAMO-20-192739	GELC
R-50 S2	1185.0	12/03/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.94	—	—	1	µg/L	Y	—	NQ	N3B-2020-427	CAMO-20-190681	GELC
R-50 S2	1185.0	11/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.21	—	—	1	µg/L	Y	—	NQ	N3B-2020-388	CAMO-20-189177	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.68	—	—	1	µg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188163	GELC
R-50 S2	1185.0	10/10/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	7.67	—	—	1	µg/L	Y	—	NQ	N3B-2020-95	CAMO-20-188167	GELC
R-50 S2	1185.0	09/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	Y	13.4	—	—	3.3	µg/L	Y	J	J	N3B-2019-3420	CAMO-19-186540	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	J	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.68	—	—	0.01	SU	Y	H	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0693	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.147	—	—	0.017	mg/L	Y	—	J-	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.11	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0485	—	—	0.017	mg/L	Y	J	U	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	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-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0294	—	—	0.017	mg/L	Y	J	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0362	—	—	0.017	mg/L	Y	J	U	N3B-2020-150	CAMO-20-188266	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.148	—	—	0.017	mg/L	Y	—	J-	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.04	—	—	2	µg/L	Y	J	J	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.45	—	—	2	µg/L	Y	J	J	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.82	—	—	2	µg/L	Y	J	J	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.59	—	—	2	µg/L	Y	J	J	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.38	—	—	2	µg/L	Y	J	J	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.13	—	—	2	µg/L	Y	J	J	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.14	—	—	2	µg/L	Y	J	J	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.11	—	—	2	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.74	—	—	2	µg/L	Y	J	J	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.15	—	—	2	µg/L	Y	J	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	19.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	19.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	18	—	—	1	µg/L	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	14	—	—	1	µg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25	—	—	1	µg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24	—	—	1	µg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23	—	—	1	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.8	—	—	15	µg/L	Y	J	J	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.5	—	—	15	µg/L	Y	J	J	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.7	—	—	15	µg/L	Y	J	J	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22	—	—	15	µg/L	Y	J	J	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21	—	—	15	µg/L	Y	J	J	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.3	—	—	15	µg/L	Y	J	J	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0842	—	—	0.067	mg/L	Y	J	J	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.79	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.85	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.88	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.39	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.8	—	—	0.067	mg/L	Y	—	J+	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.71	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.95	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.9	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.67	—	—	0.067	mg/L	Y	—	J+	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.75	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.97	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.59	—	—	0.067	mg/L	Y	—	J+	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.71	—	—	0.067	mg/L	Y	—	J+	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	35.2	—	—	3	µg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	35.6	—	—	3	µg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	33.9	—	—	3	µg/L	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	23.5	—	—	3	µg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	39	—	—	3	µg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	31.2	—	—	3	µg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	33.8	—	—	3	µg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	36.8	—	—	3	µg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	36.3	—	—	3	µg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	33.4	—	—	3	µg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	28.5	—	—	3	µg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	28.7	—	—	3	µg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	33.1	—	—	3	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	27.1	—	—	3	µg/L	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	28.9	—	—	3	µg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.286	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.343	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.339	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.261	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.421	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.475	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.282	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.255	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.304	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.182	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.198	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.417	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.325	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.429	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	48.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	49.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	50.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	47.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	45.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	50.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	48.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	48.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	53.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	47.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	48.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	48.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	47.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	42.8	—	—	30	µg/L	Y	J	J	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.92	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.08	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.34	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.81	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.25	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.08	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.02	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.42	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.44	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.59	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.86	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.06	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.88	—	—	2	µg/L	Y	J	J	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	4.2	—	—	2	µg/L	Y	J	J	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	8.42	—	—	2	µg/L	Y	J	J	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	15.8	—	—	2	µg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.42	—	—	0.2	µg/L	Y	—	J+	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.46	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.44	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.4	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.35	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.35	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.52	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.4	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.47	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.39	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.33	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.3	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.47	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.52	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.66	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.629	—	—	0.6	µg/L	Y	J	J	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.36	—	—	0.6	µg/L	Y	J	J	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.909	—	—	0.6	µg/L	Y	J	J	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.666	—	—	0.6	µg/L	Y	J	J	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.644	—	—	0.6	µg/L	Y	J	J	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.774	—	—	0.6	µg/L	Y	J	J	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.683	—	—	0.6	µg/L	Y	J	J	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.43	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.42	—	—	0.17	mg/L	Y	—	J-	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.18	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.31	—	—	0.17	mg/L	Y	—	J+	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.3	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.2	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.18	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.33	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.95	—	—	0.17	mg/L	Y	—	J+	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.31	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.27	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.3	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.36	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.77	—	—	0.085	mg/L	Y	—	J+	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.59	—	—	0.085	mg/L	Y	—	J+	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	13.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	DL	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	12.5	—	—	0.5	µg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	12	—	—	0.5	µg/L	Y	—	J	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	10.9	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	11.4	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	10.5	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	9.61	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	13.1	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	12.3	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	12.4	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	13.6	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	13.1	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	12.5	—	—	0.5	µg/L	Y	—	J	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	12.6	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	12.8	—	—	0.5	µg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.22	—	—	0.05	mg/L	Y	—	J+	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.81	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.23	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.06	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.51	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.25	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.93	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	4.05	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.07	—	—	0.05	mg/L	Y	—	J+	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.17	—	—	0.05	mg/L	Y	—	J+	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.86	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	1	µS/cm	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	161	—	—	1	µS/cm	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	1	µS/cm	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	157	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	159	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121	—	—	1	µS/cm	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µS/cm	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.86	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.68	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.64	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.97	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.88	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.84	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.68	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.49	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.83	—	—	0.133	mg/L	Y	—	J+	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.89	—	—	0.133	mg/L	Y	—	J+	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.12	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.42	—	—	0.133	mg/L	Y	—	J+	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.53	—	—	0.133	mg/L	Y	—	J+	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	12/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-531	CAMO-21-211013	GELC
R-61 S1	1125.0	11/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-295	CAMO-21-210573	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	10/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-117	CAMO-21-208200	GELC
R-61 S1	1125.0	09/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1836	CAMO-20-206025	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	08/10/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1543	CAMO-20-198949	GELC
R-61 S1	1125.0	07/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1338	CAMO-20-205436	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	06/25/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1219	CAMO-20-198539	GELC
R-61 S1	1125.0	03/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1041	CAMO-20-196251	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	02/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-914	CAMO-20-195069	GELC
R-61 S1	1125.0	01/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-651	CAMO-20-192743	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	12/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-499	CAMO-20-190683	GELC
R-61 S1	1125.0	12/09/2019	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-499	CAMO-20-190685	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	10/18/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-150	CAMO-20-188265	GELC
R-61 S1	1125.0	09/23/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3492	CAMO-19-186542	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	7.76	—	—	2.5	µg/L	N	J	R	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.91	—	—	2.5	µg/L	Y	J	U	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	3.94	—	—	2.5	µg/L	Y	J	U	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	J	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	J+	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	J	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	92.9	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	J+	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	J+	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	06/25/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0535	—	—	0.033	mg/L	Y	J	J	N3B-2020-1219	CAMO-20-198539	GELC
R-61 S1	1125.0	02/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.045	—	—	0.033	mg/L	Y	J	J	N3B-2020-914	CAMO-20-195069	GELC
R-61 S1	1125.0	01/08/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-651	CAMO-20-192743	GELC
R-61 S1	1125.0	12/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0617	—	—	0.033	mg/L	Y	J	U	N3B-2020-499	CAMO-20-190683	GELC
R-61 S1	1125.0	12/09/2019	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-499	CAMO-20-190685	GELC
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	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-2020-150	CAMO-20-188265	GELC
R-61 S1	1125.0	12/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.382	—	—	0.33	mg/L	Y	J	J	N3B-2021-531	CAMO-21-211013	GELC
R-61 S1	1125.0	10/16/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.439	—	—	0.33	mg/L	Y	J	J	N3B-2021-117	CAMO-21-208200	GELC
R-61 S1	1125.0	09/18/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.651	—	—	0.33	mg/L	Y	J	J	N3B-2020-1836	CAMO-20-206025	GELC
R-61 S1	1125.0	07/21/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.415	—	—	0.33	mg/L	Y	J	J	N3B-2020-1338	CAMO-20-205436	GELC
R-61 S1	1125.0	06/25/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.742	—	—	0.33	mg/L	Y	J	J	N3B-2020-1219	CAMO-20-198539	GELC
R-61 S1	1125.0	03/06/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.356	—	—	0.33	mg/L	Y	J	J	N3B-2020-1041	CAMO-20-196251	GELC
R-61 S1	1125.0	02/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.334	—	—	0.33	mg/L	Y	J	J	N3B-2020-914	CAMO-20-195069	GELC
R-61 S1	1125.0	01/08/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.396	—	—	0.33	mg/L	Y	J	J	N3B-2020-651	CAMO-20-192743	GELC
R-61 S1	1125.0	12/09/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.368	—	—	0.33	mg/L	Y	J	J	N3B-2020-499	CAMO-20-190683	GELC
R-61 S1	1125.0	12/09/2019	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.357	—	—	0.33	mg/L	Y	J	J	N3B-2020-499	CAMO-20-190685	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.474	—	—	0.33	mg/L	Y	J	J	N3B-2020-404	CAMO-20-189181	GELC
R-61 S1	1125.0	10/18/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.368	—	—	0.33	mg/L	Y	J	J	N3B-2020-150	CAMO-20-188265	GELC
R-61 S1	1125.0	09/23/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.357	—	—	0.33	mg/L	Y	J	J	N3B-2019-3492	CAMO-19-186542	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.249	—	—	0.02	mg/L	Y	—	J+	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.297	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.317	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.329	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.369	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.411	—	—	0.02	mg/L	Y	—	J+	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.52	—	—	0.02	mg/L	Y	—	J+	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.361	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.232	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.322	—	—	0.02	mg/L	Y	—	J+	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.373	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.323	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.322	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.353	—	—	0.02	mg/L	Y	—	J+	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.397	—	—	0.02	mg/L	Y	—	J+	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/04/2020	WG	UF	RE	REG	RAD	EPA:906.0	Tritium	H-3	N	85.8	53.3	177	—	pCi/L	Y	U	U	N3B-2021-619	CAMO-21-210573	GELC
R-61 S1	1125.0	11/04/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.142	0.81	2.733	—	pCi/L	Y	U	U	N3B-2021-301	CAMO-21-210573	ARSL
R-61 S1	1125.0	08/10/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	65.364	9.952	3.082	—	pCi/L	Y	—	NQ	N3B-2020-1547	CAMO-20-198949	ARSL
R-61 S1	1125.0	01/08/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	50.436	7.72	2.966	—	pCi/L	Y	—	J-	N3B-2020-701	CAMO-20-192743	ARSL
R-61 S1	1125.0	11/20/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	73.982	11.243	2.988	—	pCi/L	Y	—	NQ	N3B-2020-398	CAMO-20-189181	ARSL
R-61 S1	1125.0	07/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	37.713	5.852	3.316	—	pCi/L	Y	—	NQ	N3B-2019-2583	CAMO-19-181867	ARSL
R-61 S1	1125.0	05/16/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	57.733	8.81	3.039	—	pCi/L	Y	—	NQ	N3B-2019-1983	CAMO-19-175172	ARSL
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	74.691	11.344	2.984	—	pCi/L	Y	—	NQ	N3B-2019-773	CAMO-19-165991	ARSL
R-61 S1	1125.0	01/08/2019	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	80.475	12.233	3.399	—	pCi/L	Y	—	NQ	N3B-2019-773	CAMO-19-165993	ARSL
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.294	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.254	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.222	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.239	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.284	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.274	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.245	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.225	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.224	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.227	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.212	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.244	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.195	—	—	0.067	µg/L	Y	J	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	12/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.9	—	—	1	µg/L	Y	J	J	N3B-2021-531	CAMO-21-211014	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.4	—	—	1	µg/L	Y	J	J	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	10/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.96	—	—	1	µg/L	Y	J	J	N3B-2021-117	CAMO-21-208201	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.53	—	—	1	µg/L	Y	J	J	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	08/10/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.27	—	—	1	µg/L	Y	J	J	N3B-2020-1543	CAMO-20-198950	GELC
R-61 S1	1125.0	07/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.31	—	—	1	µg/L	Y	—	NQ	N3B-2020-1338	CAMO-20-205437	GELC
R-61 S1	1125.0	06/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1219	CAMO-20-198540	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.37	—	—	1	µg/L	Y	J	J	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	02/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.25	—	—	1	µg/L	Y	J	J	N3B-2020-914	CAMO-20-193969	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.77	—	—	1	µg/L	Y	J	J	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.15	—	—	1	µg/L	Y	J	J	N3B-2020-499	CAMO-20-190684	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.14	—	—	1	µg/L	Y	J	J	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.57	—	—	1	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.29	—	—	1	µg/L	Y	J	J	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	Y	11.3	—	—	3.3	µg/L	Y	J	J	N3B-2019-3492	CAMO-19-186543	GELC
R-61 S1	1125.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.65	—	—	3.3	µg/L	Y	J	J	N3B-2021-295	CAMO-21-210572	GELC
R-61 S1	1125.0	09/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.1	—	—	3.3	µg/L	Y	J	J	N3B-2020-1836	CAMO-20-206026	GELC
R-61 S1	1125.0	03/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.42	—	—	3.3	µg/L	Y	J	J	N3B-2020-1041	CAMO-20-196252	GELC
R-61 S1	1125.0	01/08/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.53	—	—	3.3	µg/L	Y	J	J	N3B-2020-651	CAMO-20-192742	GELC
R-61 S1	1125.0	12/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.63	—	—	3.3	µg/L	Y	J	J	N3B-2020-499	CAMO-20-190684	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-61 S1	1125.0	12/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-499	CAMO-20-190686	GELC
R-61 S1	1125.0	11/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.66	—	—	3.3	µg/L	Y	J	J	N3B-2020-404	CAMO-20-189180	GELC
R-61 S1	1125.0	10/18/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.97	—	—	3.3	µg/L	Y	J	U	N3B-2020-150	CAMO-20-188266	GELC
R-61 S1	1125.0	09/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Zinc	Zn	Y	4.17	—	—	3.3	µg/L	Y	J	J	N3B-2019-3492	CAMO-19-186543	GELC
R-62	1158.4	11/06/2020	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-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	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-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.62	—	—	0.01	SU	Y	H	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	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-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.61	—	—	0.01	SU	Y	H	J-	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.54	—	—	0.01	SU	Y	H	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.98	—	—	1.45	mg/L	Y	J	J	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.13	—	—	1.45	mg/L	Y	J	J	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.58	—	—	1.45	mg/L	Y	J	J	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	5.17	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	UH	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.044	—	—	0.017	mg/L	Y	J	J	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.114	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0278	—	—	0.017	mg/L	Y	J	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0538	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.11	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.113	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.83	—	—	2	µg/L	Y	J	J	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.36	—	—	2	µg/L	Y	J	J	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.52	—	—	2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.3	—	—	2	µg/L	Y	J	J	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	46.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	42.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	43.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.6	—	—	1	µg/L	Y	*	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.1	—	—	15	µg/L	Y	J	J	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.155	—	—	0.067	mg/L	Y	J	J	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.153	—	—	0.067	mg/L	Y	J	J	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.154	—	—	0.067	mg/L	Y	J	J	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.154	—	—	0.067	mg/L	Y	J	J	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.156	—	—	0.067	mg/L	Y	J	J	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.202	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	29.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	28	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	28.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	27.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	25.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.7	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.6	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-62	1158.4	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.8	—	—	0.335	mg/L	Y	H	J-	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.6	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	346	—	—	3	µg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	287	—	—	3	µg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	287	—	—	3	µg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	270	—	—	3	µg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	284	—	—	3	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	311	—	—	3	µg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00369	—	—	0.00167	mg/L	Y	J	J	N3B-2021-322	CAMO-21-210575	GELC
R-62	1158.4	08/21/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00278	—	—	0.00167	mg/L	Y	J	J	N3B-2020-1601	CAMO-20-198951	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0045	—	—	0.00167	mg/L	Y	J	J	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	07/26/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00239	—	—	0.00167	mg/L	Y	J	J	N3B-2019-2670	CAMO-19-181869	GELC
R-62	1158.4	05/14/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00359	—	—	0.00167	mg/L	Y	J	J	N3B-2019-1916	CAMO-19-175174	GELC
R-62	1158.4	01/23/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00172	—	—	0.00167	mg/L	Y	J	J	N3B-2019-806	CAMO-19-165971	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.236	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.147	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.258	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.306	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.197	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.11	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	109	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	106	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	104	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	95.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	98.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	94.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.92	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.7	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.28	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.36	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.44	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.429	—	—	0.2	µg/L	Y	J	J	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.635	—	—	0.2	µg/L	Y	J	J	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.6	—	—	0.2	µg/L	Y	J	J	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	N	0.861	—	—	0.2	µg/L	Y	J	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.451	—	—	0.2	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.611	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	7.32	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.54	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.98	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	5.11	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	5.63	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	6.04	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.14	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.99	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.08	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.02	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.25	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.23	—	—	0.085	mg/L	Y	—	J+	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.88	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.937	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.903	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.87	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.871	—	—	0.05	µg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.85	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.47	—	—	0.05	mg/L	Y	—	J+	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	J-	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	301	—	—	1	µS/cm	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	277	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	263	—	—	1	µS/cm	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	261	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	283	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	288	—	—	1	µS/cm	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	131	—	—	1	µg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	128	—	—	1	µg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	121	—	—	1	µg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	112	—	—	1	µg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	120	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	114	—	—	1	µg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	33.4	—	—	0.665	mg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	29.3	—	—	0.665	mg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	31.1	—	—	0.665	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	28.7	—	—	0.665	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	33	—	—	0.665	mg/L	Y	H	J-	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	30.2	—	—	0.665	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	11/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-322	CAMO-21-210575	GELC
R-62	1158.4	08/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1601	CAMO-20-198951	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	07/26/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2670	CAMO-19-181869	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	05/14/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1916	CAMO-19-175174	GELC
R-62	1158.4	01/23/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-806	CAMO-19-165971	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	220	—	—	3.4	mg/L	Y	—	J	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	223	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	236	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	271	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	220	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0574	—	—	0.033	mg/L	Y	J	J+	N3B-2021-322	CAMO-21-210575	GELC
R-62	1158.4	08/21/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1601	CAMO-20-198951	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0918	—	—	0.033	mg/L	Y	J	U	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	07/26/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0509	—	—	0.033	mg/L	Y	J	J	N3B-2019-2670	CAMO-19-181869	GELC
R-62	1158.4	05/14/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.145	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175174	GELC
R-62	1158.4	08/21/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.411	—	—	0.33	mg/L	Y	J	J	N3B-2020-1601	CAMO-20-198951	GELC
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.53	—	—	0.33	mg/L	Y	J	J	N3B-2020-305	CAMO-20-189183	GELC
R-62	1158.4	07/26/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.33	—	—	0.33	mg/L	Y	J	J	N3B-2019-2670	CAMO-19-181869	GELC
R-62	1158.4	05/14/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	UH	U	N3B-2019-2011	CAMO-19-175174	GELC
R-62	1158.4	01/23/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-806	CAMO-19-165971	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-62	1158.4	11/06/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	66.388	10.11	3.181	—	pCi/L	Y	—	NQ	N3B-2021-380	CAMO-21-210575	ARSL
R-62	1158.4	11/12/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	59.776	9.125	3.145	—	pCi/L	Y	—	NQ	N3B-2020-333	CAMO-20-189183	ARSL
R-62	1158.4	11/09/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	47.819	7.318	2.734	—	pCi/L	Y	—	NQ	N3B-2019-480	CAMO-19-164007	ARSL
R-62	1158.4	11/17/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	27.227	4.271	2.847	—	pCi/L	Y	—	NQ	2018-1094	CAMO-18-148084	ARSL
R-62	1158.4	11/16/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	14.741	2.378	2.076	—	pCi/L	Y	—	J-	2017-505	CAMO-17-127240	ARSL
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.04	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.02	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.929	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.846	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.81	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.86	—	—	0.067	µg/L	Y	—	J+	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.79	—	—	1	µg/L	Y	J	J	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.94	—	—	1	µg/L	Y	J	J	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.58	—	—	1	µg/L	Y	J	J	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.93	—	—	1	µg/L	Y	J	J	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.4	—	—	1	µg/L	Y	J	J	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.04	—	—	1	µg/L	Y	J	J	N3B-2019-806	CAMO-19-165970	GELC
R-62	1158.4	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.65	—	—	3.3	µg/L	Y	J	J	N3B-2021-322	CAMO-21-210574	GELC
R-62	1158.4	08/21/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	10.8	—	—	3.3	µg/L	Y	J	J	N3B-2020-1601	CAMO-20-198952	GELC
R-62	1158.4	11/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.85	—	—	3.3	µg/L	Y	J	U	N3B-2020-305	CAMO-20-189182	GELC
R-62	1158.4	07/26/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.9	—	—	3.3	µg/L	Y	J	U	N3B-2019-2670	CAMO-19-181868	GELC
R-62	1158.4	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-2011	CAMO-19-175173	GELC
R-62	1158.4	01/23/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.49	—	—	3.3	µg/L	Y	J	J	N3B-2019-806	CAMO-19-165970	GELC
R-67	1242.6	11/06/2020	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-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	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-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	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-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	0.01	SU	Y	H	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	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-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	0.01	SU	Y	H	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	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-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	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-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.19	—	—	0.01	SU	Y	H	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.57	—	—	1.45	mg/L	Y	J	J	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0581	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0604	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.051	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	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-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0223	—	—	0.017	mg/L	Y	J	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0462	—	—	0.017	mg/L	Y	J	U	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0212	—	—	0.017	mg/L	Y	J	U	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.39	—	—	2	µg/L	Y	J	J	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.08	—	—	2	µg/L	Y	J	J	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.89	—	—	2	µg/L	Y	J	J	N3B-2019-2645	CASA-19-182715	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-67	1242.6	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.25	—	—	2	µg/L	Y	J	J	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.72	—	—	2	µg/L	Y	J	J	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	3.47	—	—	2	µg/L	Y	J	J	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	15.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	16.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	16	—	—	1	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	15.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	15.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	18	—	—	1	µg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	15.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	17.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	17.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.8	—	—	15	µg/L	Y	J	J	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.29	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.23	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.37	—	—	0.067	mg/L	Y	—	J+	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.2	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.13	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	8.05	—	—	3	µg/L	Y	J	J	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	8.2	—	—	3	µg/L	Y	J	J	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	8.47	—	—	3	µg/L	Y	J	J	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	7.97	—	—	3	µg/L	Y	J	J	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	7.5	—	—	3	µg/L	Y	J	J	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	7.77	—	—	3	µg/L	Y	J	J	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	7.93	—	—	3	µg/L	Y	J	J	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	9.25	—	—	3	µg/L	Y	J	J	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	9.36	—	—	3	µg/L	Y	J	J	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.319	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.129	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.19	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.181	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.313	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.257	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.129	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.161	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	67.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	57.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	60.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	66	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-67	1242.6	05/10/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	58.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.78	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.65	—	—	0.11	mg/L	Y	E	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.44	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.22	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.87	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.73	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.69	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.531	—	—	0.2	µg/L	Y	J	J	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.78	—	—	0.2	µg/L	Y	J	J	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.624	—	—	0.2	µg/L	Y	J	J	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.622	—	—	0.2	µg/L	Y	J	J	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.833	—	—	0.2	µg/L	Y	J	J	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.78	—	—	0.2	µg/L	Y	J	J	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.718	—	—	0.2	µg/L	Y	J	J	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.769	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.818	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	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-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	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-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.376	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.374	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.414	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	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	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	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-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.369	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.368	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.332	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.34	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.375	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.375	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.345	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.323	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.333	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.376	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.356	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.87	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.99	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.78	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.79	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.84	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	N	J-	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	N	J-	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µS/cm	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147	—	—	1	µS/cm	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	74.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	85.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	74.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	70.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	77.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	82.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	70.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	79.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	78.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.65	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.74	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.68	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.88	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.77	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.71	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.74	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.71	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	11/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-322	CASA-21-210577	GELC
R-67	1242.6	08/20/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1595	CASA-20-205948	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	01/15/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-698	CASA-20-192791	GELC
R-67	1242.6	01/15/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-698	CASA-20-193659	GELC
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-275	CASA-20-189235	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	07/24/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-2645	CASA-19-182716	GELC
R-67	1242.6	05/10/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CASA-19-175200	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-739	CASA-19-166007	GELC
R-67	1242.6	01/09/2019	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-739	CASA-19-166009	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	—	J	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	209	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	J+	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	J+	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	42.9	—	—	3.4	mg/L	Y	—	J+	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-67	1242.6	08/20/2020	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-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.056	—	—	0.02	mg/L	Y	—	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0499	—	—	0.02	mg/L	Y	J	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.051	—	—	0.02	mg/L	Y	—	U	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.134	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.406	—	—	0.02	mg/L	Y	—	J+	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	11/06/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.185	0.938	3.046	—	pCi/L	Y	U	U	N3B-2021-380	CASA-21-210577	ARSL
R-67	1242.6	08/20/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.115	0.861	2.927	—	pCi/L	Y	U	U	N3B-2020-1622	CASA-20-205948	ARSL
R-67	1242.6	11/05/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.256	0.956	3.099	—	pCi/L	Y	U	U	N3B-2020-282	CASA-20-189235	ARSL
R-67	1242.6	05/10/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.459	0.864	2.942	—	pCi/L	Y	U	U	N3B-2019-1983	CASA-19-175200	ARSL
R-67	1242.6	11/05/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.714	0.836	2.766	—	pCi/L	Y	U*	U	N3B-2019-418	CASA-19-164033	ARSL
R-67	1242.6	05/21/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.208	0.819	2.765	—	pCi/L	Y	U	U	2018-2697	CASA-18-154777	ARSL
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.02	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.05	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.01	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	1.03	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.993	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.97	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.04	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.994	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.22	—	—	1	µg/L	Y	—	NQ	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.75	—	—	1	µg/L	Y	—	NQ	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.72	—	—	1	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.62	—	—	1	µg/L	Y	—	NQ	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.98	—	—	1	µg/L	Y	—	NQ	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.49	—	—	1	µg/L	Y	—	NQ	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.77	—	—	1	µg/L	Y	—	NQ	N3B-2019-1877	CASA-19-175199	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.33	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166006	GELC
R-67	1242.6	01/09/2019	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.19	—	—	1	µg/L	Y	—	NQ	N3B-2019-739	CASA-19-166008	GELC
R-67	1242.6	11/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.04	—	—	3.3	µg/L	Y	J	J	N3B-2021-322	CASA-21-210576	GELC
R-67	1242.6	08/20/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	8	—	—	3.3	µg/L	Y	J	J	N3B-2020-1595	CASA-20-199000	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-698	CASA-20-192790	GELC
R-67	1242.6	01/15/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-698	CASA-20-193658	GELC
R-67	1242.6	11/05/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.03	—	—	3.3	µg/L	Y	J	J	N3B-2020-275	CASA-20-189234	GELC
R-67	1242.6	07/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	8.09	—	—	3.3	µg/L	Y	J	U	N3B-2019-2645	CASA-19-182715	GELC
R-67	1242.6	05/10/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-1877	CASA-19-175199	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	Y	0.579	—	—	0.294	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	12/03/2020	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-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	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-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	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-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	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-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0295	0.0135	0.0719	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00237	0.00785	0.0418	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0555	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0325	—	—	0.017	mg/L	Y	J	J	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0588	—	—	0.017	mg/L	Y	—	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0673	—	—	0.017	mg/L	Y	—	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.91	—	—	2	µg/L	Y	J	J	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.14	—	—	2	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.18	—	—	2	µg/L	Y	J	J	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	40	—	—	1	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	Y	0.373	—	—	0.294	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	Y	0.589	—	—	0.294	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.38	—	—	0.3	µg/L	Y	J	J	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	26.1	—	—	15	µg/L	Y	J	J	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	34.7	—	—	15	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	33.5	—	—	15	µg/L	Y	J	J	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	27.9	—	—	15	µg/L	Y	J	J	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	Y	0.569	—	—	0.294	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.21	1.07	3.93	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.251	0.954	3.4	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.41	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.92	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.78	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.08	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.28	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	26.5	—	—	3	µg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	18.7	—	—	3	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	19.8	—	—	3	µg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	13.5	—	—	3	µg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	30.5	—	—	3	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	Y	0.442	—	—	0.294	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.194	0.649	3.01	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.455	1.05	3.89	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	Y	0.353	—	—	0.294	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	Y	1.34	—	—	0.294	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	Y	1.65	—	—	0.294	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	Y	0.854	—	—	0.294	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	Y	0.461	—	—	0.294	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.503	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.379	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.458	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.396	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.525	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.958	0.858	2.92	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.336	0.504	2.04	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.24	0.788	2.35	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.501	0.717	2.48	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	76.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	82.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	82.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	76.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	77.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.04	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.78	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.5	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.1	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.25	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	Y	0.559	—	—	0.294	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.66	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.73	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.85	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.54	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.46	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.21	2.08	7.37	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.03	2.71	7.77	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.3	—	—	0.6	µg/L	Y	J	J	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.871	—	—	0.6	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.904	—	—	0.6	µg/L	Y	J	J	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.803	—	—	0.6	µg/L	Y	J	J	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.92	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.68	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.57	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.82	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.78	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.643	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	5	—	—	5	µg/L	Y	U	R	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.527	—	—	0.05	µg/L	Y	H	J-	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.541	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.513	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.586	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	1.45	—	—	0.71	ng/L	Y	J	J	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0114	0.00902	0.0661	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00219	0.00789	0.0404	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00902	0.0738	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0131	0.00692	0.0405	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	J+	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.41	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.28	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	44	16.6	47.2	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	30.2	16.3	65.9	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.455	0.134	0.329	—	pCi/L	Y	—	NQ	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.643	0.187	0.41	—	pCi/L	Y	—	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.469	0.159	—	—	pCi/L	Y	—	NQ	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.877	0.286	—	—	pCi/L	Y	—	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0143	0.0867	0.337	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.234	0.217	0.742	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0204	0.935	3.6	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.67	1.04	4.44	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	231	—	—	1	µS/cm	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	213	—	—	1	µS/cm	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	228	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	77.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	88.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	86.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	81.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	80.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.267	0.123	0.486	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.166	0.0729	0.258	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.58	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.81	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.11	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.89	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-523	CAMO-21-211015	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	10/15/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-110	CAMO-21-208202	GELC
R-70 S1	963.0	09/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1886	CAMO-20-206054	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1511	CAMO-20-206162	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	12	—	—	2.5	µg/L	N	—	R	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	6.03	—	—	2.5	µg/L	Y	J	J	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25	—	—	25	µg/L	Y	U	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	J+	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	3.4	mg/L	Y	—	J+	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	12/03/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.426	—	—	0.33	mg/L	Y	J	J	N3B-2021-523	CAMO-21-211015	GELC
R-70 S1	963.0	10/15/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.596	—	—	0.33	mg/L	Y	J	J	N3B-2021-110	CAMO-21-208202	GELC
R-70 S1	963.0	09/23/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.587	—	—	0.33	mg/L	Y	J	J	N3B-2020-1886	CAMO-20-206054	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	1.45	—	—	—	ng/L	Y	J	J	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.069	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0801	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0878	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0236	—	—	0.02	mg/L	Y	J	J	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0816	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.407	1.062	2.565	—	pCi/L	Y	—	NQ	N3B-2021-380	CAMO-21-210773	ARSL
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	6.623	1.446	3.182	—	pCi/L	Y	—	NQ	N3B-2020-1538	CAMO-20-206141	ARSL
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.764	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.736	—	—	0.067	µg/L	Y	—	J+	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.798	—	—	0.067	µg/L	Y	—	J+	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.768	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.776	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.585	0.0763	0.176	—	pCi/L	Y	—	NQ	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.557	0.0571	0.0828	—	pCi/L	Y	—	NQ	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0229	0.0232	0.152	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0472	0.021	0.0647	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206141	GELC
R-70 S1	963.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.244	0.0512	0.16	—	pCi/L	Y	—	NQ	N3B-2021-340	CAMO-21-210773	GELC
R-70 S1	963.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.255	0.0381	0.0753	—	pCi/L	Y	—	NQ	N3B-2020-1519	CAMO-20-206141	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.45	—	—	1	µg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.36	—	—	1	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.77	—	—	1	µg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208203	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.62	—	—	1	µg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.72	—	—	1	µg/L	Y	J	J	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S1	963.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	13.8	—	—	3.3	µg/L	Y	J	J	N3B-2021-524	CAMO-21-211016	GELC
R-70 S1	963.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	12.7	—	—	3.3	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210578	GELC
R-70 S1	963.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	13.1	—	—	3.3	µg/L	Y	J	J	N3B-2020-1886	CAMO-20-206055	GELC
R-70 S1	963.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	17.9	—	—	3.3	µg/L	Y	J	U	N3B-2020-1511	CAMO-20-198954	GELC
R-70 S2	1048.0	12/03/2020	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-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	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-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	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-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	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-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	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	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0171	0.0132	0.075	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00222	0.00665	0.0392	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00219	0.0118	0.0387	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0174	—	—	0.017	mg/L	Y	J	J	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0585	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0601	—	—	0.017	mg/L	Y	—	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0173	—	—	0.017	mg/L	Y	J	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.02	—	—	2	µg/L	Y	J	J	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.77	—	—	2	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.71	—	—	2	µg/L	Y	J	J	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.15	—	—	2	µg/L	Y	J	J	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	62.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	74.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	68.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	65.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	67.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	69	—	—	1	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	27.5	—	—	15	µg/L	Y	J	J	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	32.8	—	—	15	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	28.2	—	—	15	µg/L	Y	J	J	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	31.4	—	—	15	µg/L	Y	J	J	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	32.5	—	—	15	µg/L	Y	J	J	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.143	—	—	0.067	mg/L	Y	J	J	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.13	—	—	0.067	mg/L	Y	J	J	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.133	—	—	0.067	mg/L	Y	J	J	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.171	—	—	0.067	mg/L	Y	J	J	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.105	—	—	0.067	mg/L	Y	J	J	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.117	—	—	0.067	mg/L	Y	J	J	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	32.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	36.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	34.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	32.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	32.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	33.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.22	1.33	4.7	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0859	0.956	3.38	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.652	0.98	3.72	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	17.8	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	18.4	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.3	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.2	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	250	—	—	3	µg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	256	—	—	3	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	255	—	—	3	µg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	264	—	—	3	µg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	268	—	—	3	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	272	—	—	3	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0828	1.08	4.13	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.07	0.867	3.67	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.943	1.09	3.78	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.93	—	—	2.93	µg/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.244	—	—	0.1	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.295	—	—	0.1	µg/L	Y	J	J-	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.294	—	—	0.1	µg/L	Y	J	J-	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.424	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.284	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.36	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.452	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.442	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.77	0.916	2.78	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.674	0.632	2.32	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.334	0.542	2.46	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.399	0.562	2.02	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.66	0.897	2.94	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.97	0.798	2.17	—	pCi/L	Y	—	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	112	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	128	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	119	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	114	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	112	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	115	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	9.13	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.74	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.67	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.76	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.19	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.18	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.18	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.02	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.9	2.49	9.2	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.09	1.64	5.7	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.25	1.92	6.87	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.92	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.96	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.73	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.45	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.74	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.06	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.88	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.79	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.01	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.92	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.93	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	HRGC/HRMS	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000487	—	—	0.00047	µg/L	Y	J	J-	N3B-2021-341	CAMO-21-210774	SwRI
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.93	—	—	2.93	µg/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	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-2020-1513	CAMO-20-206142	SwRI
R-70 S2	1048.0	08/04/2020	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-2020-1513	CAMO-20-206144	SwRI
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.986	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.9	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.893	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.812	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.913	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.869	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.73	—	—	0.73	ng/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	4.88	—	—	0.719	ng/L	Y	—	NQ	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00768	0.00768	0.0593	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0163	0.00902	0.043	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00283	0.00749	0.0522	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0179	0.00848	0.0662	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00233	0.00839	0.0431	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0141	0.00938	0.0524	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.71	—	—	0.05	mg/L	Y	—	J+	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.87	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.81	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.72	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.79	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.82	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.5	21.2	44.1	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.5	20.2	38.9	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-10.8	13.1	44.8	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.343	0.132	0.38	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0357	0.0799	0.342	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.523	0.141	0.295	—	pCi/L	Y	—	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.483	0.177	—	—	pCi/L	Y	—	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0978	0.169	—	—	pCi/L	Y	—	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.523	0.278	—	—	pCi/L	Y	—	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.14	0.117	0.403	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0621	0.149	0.549	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.317	0.239	0.911	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	14.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.232	1.09	4.07	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.59	1.46	3.03	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.774	0.834	2.91	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	336	—	—	1	µS/cm	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	322	—	—	1	µS/cm	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	303	—	—	1	µS/cm	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	342	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	315	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	309	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	131	—	—	1	µg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	158	—	—	1	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	145	—	—	1	µg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	141	—	—	1	µg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	136	—	—	1	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	138	—	—	1	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.308	0.125	0.491	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0391	0.124	0.418	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0449	0.0581	0.195	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	30.8	—	—	0.665	mg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	31.2	—	—	0.665	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	30.1	—	—	0.665	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	32.6	—	—	0.665	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	32.1	—	—	0.665	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	32.3	—	—	0.665	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2021-523	CAMO-21-211018	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2021-340	CAMO-21-210778	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	10/15/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2021-110	CAMO-21-208205	GELC
R-70 S2	1048.0	09/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1886	CAMO-20-206058	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1511	CAMO-20-206163	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1511	CAMO-20-206164	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	17.3	—	—	2.5	µg/L	N	—	R	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	6.26	—	—	2.5	µg/L	Y	J	J	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25	—	—	25	µg/L	Y	U	U	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25	—	—	25	µg/L	Y	U	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	25	—	—	25	µg/L	Y	U	U	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	227	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	244	—	—	3.4	mg/L	Y	—	J+	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	231	—	—	3.4	mg/L	Y	—	J+	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	249	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	240	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	226	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.514	—	—	0.33	mg/L	Y	J	J	N3B-2021-523	CAMO-21-211018	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.364	—	—	0.33	mg/L	Y	J	J	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	10/15/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.71	—	—	0.33	mg/L	Y	J	J	N3B-2021-110	CAMO-21-208205	GELC
R-70 S2	1048.0	09/23/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.662	—	—	0.33	mg/L	Y	J	J	N3B-2020-1886	CAMO-20-206058	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.41	—	—	0.33	mg/L	Y	J	J	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.41	—	—	0.33	mg/L	Y	J	J	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0	—	—	—	ng/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	4.88	—	—	—	ng/L	Y	—	NQ	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0674	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-523	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0752	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0976	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0737	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0469	—	—	0.02	mg/L	Y	J	J	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	56.869	8.671	2.894	—	pCi/L	Y	—	NQ	N3B-2021-380	CAMO-21-210774	ARSL

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	53.836	8.248	3.316	—	pCi/L	Y	—	NQ	N3B-2020-1538	CAMO-20-206142	ARSL
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	52.437	8.018	3	—	pCi/L	Y	—	NQ	N3B-2020-1538	CAMO-20-206144	ARSL
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.946	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.921	—	—	0.067	µg/L	Y	—	J+	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.998	—	—	0.067	µg/L	Y	—	J+	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.896	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.939	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.938	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.655	0.0785	0.171	—	pCi/L	Y	—	NQ	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.658	0.0617	0.0851	—	pCi/L	Y	—	NQ	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.633	0.0616	0.0867	—	pCi/L	Y	—	NQ	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0492	0.0271	0.148	—	pCi/L	Y	U	U	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0616	0.022	0.0665	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0296	0.0204	0.0677	—	pCi/L	Y	U	U	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	11/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.326	0.0552	0.156	—	pCi/L	Y	—	NQ	N3B-2021-340	CAMO-21-210774	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.388	0.0465	0.0775	—	pCi/L	Y	—	NQ	N3B-2020-1519	CAMO-20-206142	GELC
R-70 S2	1048.0	08/04/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.337	0.0448	0.0789	—	pCi/L	Y	—	NQ	N3B-2020-1519	CAMO-20-206144	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.08	—	—	1	µg/L	Y	—	NQ	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.66	—	—	1	µg/L	Y	—	NQ	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	10/15/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.04	—	—	1	µg/L	Y	—	NQ	N3B-2021-110	CAMO-21-208206	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.26	—	—	1	µg/L	Y	—	NQ	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.67	—	—	1	µg/L	Y	J	J	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.58	—	—	1	µg/L	Y	J	J	N3B-2020-1511	CAMO-20-206143	GELC
R-70 S2	1048.0	12/03/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.78	—	—	3.3	µg/L	Y	J	J	N3B-2021-524	CAMO-21-211019	GELC
R-70 S2	1048.0	11/09/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	6.94	—	—	3.3	µg/L	Y	J	J	N3B-2021-340	CAMO-21-210581	GELC
R-70 S2	1048.0	09/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	8.97	—	—	3.3	µg/L	Y	J	J	N3B-2020-1886	CAMO-20-206059	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.89	—	—	3.3	µg/L	Y	J	U	N3B-2020-1511	CAMO-20-198957	GELC
R-70 S2	1048.0	08/04/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	7.76	—	—	3.3	µg/L	Y	J	U	N3B-2020-1511	CAMO-20-206143	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	0.01	SU	Y	H	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.48	—	—	0.01	SU	Y	H	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	0.01	SU	Y	H	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	112	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	100	—	—	1.45	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0204	0.0127	0.064	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0057	0.0404	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0139	0.083	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00387	0.00821	0.0344	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00548	0.0103	0.0684	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.96	—	—	2	µg/L	Y	J	J	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.67	—	—	2	µg/L	Y	J	J	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.59	—	—	2	µg/L	Y	J	J	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.48	—	—	2	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.69	—	—	2	µg/L	Y	J	J	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.75	—	—	2	µg/L	Y	J	J	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33	—	—	1	µg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.1	—	—	1	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	89	—	—	15	µg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	76.4	—	—	15	µg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	74.6	—	—	15	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	72.8	—	—	15	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	79.8	—	—	15	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	75.5	—	—	15	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.64	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.695	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.59	—	—	0.067	mg/L	Y	—	J-	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.598	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	54.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	51.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	54.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	47.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	54.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	55.2	—	—	0.05	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.68	1.95	6.74	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.46	0.919	4.06	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.54	0.635	2.25	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.1	1.04	4.07	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.07	2.21	3.61	—	pCi/L	Y	UI	R	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	101	—	—	1.34	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.62	—	—	0.067	mg/L	Y	—	J+	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	110	—	—	1.34	mg/L	Y	—	J+	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	102	—	—	1.34	mg/L	Y	H	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	111	—	—	1.34	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	107	—	—	1.34	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	12.8	—	—	3	µg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	9.83	—	—	3	µg/L	Y	J	J	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	8.23	—	—	3	µg/L	Y	J	J	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	7.99	—	—	3	µg/L	Y	J	J	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	9.82	—	—	3	µg/L	Y	J	J	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	11.3	—	—	3	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.799	1.68	6.94	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.287	1.09	4.3	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.16	0.621	2.26	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.755	1.09	3.89	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.33	1.56	4.68	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.166	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.697	—	—	0.033	mg/L	Y	—	J+	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.158	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.189	—	—	0.033	mg/L	Y	—	J-	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.155	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.0977	—	—	0.033	mg/L	Y	J	J	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.52	0.913	2.95	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.98	1.08	2.8	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	6.95	1.6	2.96	—	pCi/L	Y	—	NQ	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/13/2017	WG	UF	RE	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	45.8	2.47	4.75	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	50	3.92	2.95	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.51	0.891	2.91	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.387	0.696	2.49	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.33	0.478	1.45	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.84	1.02	2.31	—	pCi/L	Y	—	NQ	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	27.3	1.05	2.11	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.24	0.627	1.83	—	pCi/L	Y	—	NQ	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	172	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	162	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	170	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	148	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	173	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	173	—	—	0.453	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	30.7	—	—	30	µg/L	Y	J	J	N3B-2021-295	CASA-21-210519	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.48	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.37	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	9.22	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.45	—	—	0.11	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	63.3	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	65.3	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	65.1	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	60.8	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	69.3	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	67	—	—	0.2	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.39	3.48	12.3	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.18	2.13	7.34	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.679	1.18	4.09	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.07	1.96	7	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.04	2.05	7.49	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	7.19	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.23	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.74	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	1.96	—	—	0.6	µg/L	Y	J	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	4.88	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	6.02	—	—	0.6	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.49	—	—	0.085	mg/L	Y	—	J-	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.4	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.4	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.49	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.43	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.59	—	—	0.085	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.595	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.602	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.72	—	—	0.05	µg/L	Y	—	J	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.697	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.745	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.672	—	—	0.05	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00000000276	0.00948	0.0548	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00413	0.00716	0.0375	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0028	0.0084	0.0485	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0812	0.0512	0.0855	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00218	0.00578	0.0506	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000513	0.0125	0.0612	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00413	0.0364	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0476	0.0151	0.0534	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0058	0.0225	0.122	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0371	0.0121	0.0382	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.78	—	—	0.05	mg/L	Y	—	J+	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.86	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.73	—	—	0.05	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.2	23.4	91.7	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.57	19.3	39.7	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.38	11.1	32.7	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.97	20.2	48.2	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.74	14.5	56.8	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.352	0.151	0.385	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.307	0.093	0.21	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.805	0.228	—	—	pCi/L	Y	—	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.2	0.236	—	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.452	0.171	0.52	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.893	0.217	0.613	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.6	—	—	0.053	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	62.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	60.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	64.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	58.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	62.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	59.4	—	—	0.1	mg/L	Y	E	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.164	1.8	6.66	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.686	1.14	4.13	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.3	0.671	2.45	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0122	0.85	3.07	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.658	1.24	4.99	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	721	—	—	1	µS/cm	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	742	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	671	—	—	1	µS/cm	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	671	—	—	1	µS/cm	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	666	—	—	1	µS/cm	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	668	—	—	1	µS/cm	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	242	—	—	1	µg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	211	—	—	1	µg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	237	—	—	1	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	214	—	—	1	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	239	—	—	1	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	244	—	—	1	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.414	0.154	0.484	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0131	0.139	0.488	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.158	0.138	0.473	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.124	0.128	0.445	—	pCi/L	Y	U	U	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.095	0.108	0.377	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	41.7	—	—	2.66	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	13.8	—	—	0.133	mg/L	Y	—	J+	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	49.4	—	—	2.66	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	43.7	—	—	2.66	mg/L	Y	H	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	45.8	—	—	2.66	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	43.6	—	—	2.66	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	08/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1528	CASA-20-205884	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	05/20/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-1943	CASA-19-175179	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	05/09/2018	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2526	CASA-18-154757	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	31.5	—	—	2.5	µg/L	N	—	R	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-295	CASA-21-210519	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	11.1	—	—	2.5	µg/L	Y	—	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	26.5	—	—	2.5	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	7.4	—	—	2.5	µg/L	Y	J	J	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	444	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	424	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	424	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	481	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	446	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	454	—	—	3.4	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.103	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	08/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.133	—	—	0.033	mg/L	Y	—	U	N3B-2020-1528	CASA-20-205884	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.155	—	—	0.033	mg/L	Y	—	J+	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	05/20/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.173	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175179	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.142	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.791	—	—	0.33	mg/L	Y	J	J	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	08/06/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.841	—	—	0.33	mg/L	Y	J	J	N3B-2020-1528	CASA-20-205884	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.725	—	—	0.33	mg/L	Y	J	J	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	05/20/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.839	—	—	0.33	mg/L	Y	J	J	N3B-2019-1991	CASA-19-175179	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.89	—	—	0.33	mg/L	Y	J	J	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	05/09/2018	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.865	—	—	0.33	mg/L	Y	J	J	2018-2526	CASA-18-154757	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.27	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.26	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.33	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.43	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.23	—	—	0.02	mg/L	Y	—	J+	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.11	—	—	0.02	mg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	41.758	6.429	3.047	—	pCi/L	Y	—	NQ	N3B-2021-301	CASA-21-210520	ARSL
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	19.452	3.151	2.968	—	pCi/L	Y	—	NQ	N3B-2020-398	CASA-20-189201	ARSL
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	26.998	4.243	2.907	—	pCi/L	Y	—	NQ	N3B-2019-480	CASA-19-164012	ARSL
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	28.635	4.482	2.924	—	pCi/L	Y	Q	NQ	2018-932	CASA-18-148003	ARSL
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	30.361	4.726	2.596	—	pCi/L	Y	—	J-	2017-494	CASA-17-127288	ARSL
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.14	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.24	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.5	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.37	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.76	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.19	—	—	0.067	µg/L	Y	—	NQ	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.21	0.107	0.176	—	pCi/L	Y	—	NQ	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.11	0.0561	0.0587	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.26	0.0665	0.115	—	pCi/L	Y	—	NQ	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.86	0.0718	0.136	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.03	0.0507	0.105	—	pCi/L	Y	—	NQ	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0593	0.0302	0.152	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0413	0.0127	0.042	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0462	0.0151	0.112	—	pCi/L	Y	U	U	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.158	0.0236	0.0587	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0598	0.014	0.0708	—	pCi/L	Y	U	U	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.391	0.062	0.16	—	pCi/L	Y	—	NQ	N3B-2021-295	CASA-21-210520	GELC
SCI-1	358.4	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.538	0.0392	0.0688	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189201	GELC
SCI-1	358.4	11/13/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.601	0.0459	0.114	—	pCi/L	Y	—	NQ	N3B-2019-459	CASA-19-164012	GELC
SCI-1	358.4	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.935	0.0509	0.0794	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148003	GELC
SCI-1	358.4	11/15/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.544	0.0366	0.0804	—	pCi/L	Y	—	NQ	2017-472	CASA-17-127288	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.26	—	—	1	µg/L	Y	J	J	N3B-2021-295	CASA-21-210519	GELC
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.83	—	—	1	µg/L	Y	J	J	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.83	—	—	1	µg/L	Y	J	J	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.85	—	—	1	µg/L	Y	J	J	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.62	—	—	1	µg/L	Y	J	J	N3B-2019-459	CASA-19-164011	GELC
SCI-1	358.4	05/09/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.65	—	—	1	µg/L	Y	J	J	2018-2526	CASA-18-154756	GELC
SCI-1	358.4	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.92	—	—	3.3	µg/L	Y	J	J	N3B-2021-295	CASA-21-210519	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SCI-1	358.4	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	12	—	—	3.3	µg/L	Y	J	U	N3B-2020-1528	CASA-20-205885	GELC
SCI-1	358.4	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-367	CASA-20-189200	GELC
SCI-1	358.4	05/20/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	9.45	—	—	3.3	µg/L	Y	J	U	N3B-2019-1991	CASA-19-175178	GELC
SCI-1	358.4	11/13/2018	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	9.5	—	—	3.3	µg/L	Y	J	J	N3B-2019-459	CASA-19-164011	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.72	—	—	0.01	SU	Y	H	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	J-	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	94.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	99.4	—	—	1.45	mg/L	Y	H	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00353	0.0106	0.0776	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0114	0.00848	0.038	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00649	0.00892	0.0396	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0165	0.0097	0.0368	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0143	0.00678	0.0364	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0108	0.00952	0.0898	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.39	—	—	2	µg/L	Y	J	J	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.39	—	—	2	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.77	—	—	2	µg/L	Y	J	J	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.24	—	—	2	µg/L	Y	J	J	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	74.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	68	—	—	1	µg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	N	10	—	—	10	µg/L	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	75.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	73.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	69.5	—	—	1	µg/L	Y	*	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.3	—	—	15	µg/L	Y	J	J	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20	—	—	15	µg/L	Y	J	J	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	150	—	—	150	µg/L	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.9	—	—	15	µg/L	Y	J	J	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.3	—	—	15	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.5	—	—	15	µg/L	Y	J	J	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.735	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.756	—	—	0.067	mg/L	Y	—	J+	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.754	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.765	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.77	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.702	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.846	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	72.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	63.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	N	0.5	—	—	0.5	mg/L	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	71.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	70.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	65.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.06	1.5	6.01	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.564	1.02	3.41	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.4	0.999	3.86	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.94	1.07	3.79	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.18	1.03	2.88	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.346	1.24	3.92	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	74.4	—	—	1.34	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	79.3	—	—	1.34	mg/L	Y	—	J+	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	71	—	—	1.34	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	73.7	—	—	1.34	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	78.1	—	—	0.67	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	76.4	—	—	0.67	mg/L	Y	H	J-	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	74.4	—	—	0.67	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	244	—	—	3	µg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	262	—	—	3	µg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	262	—	—	15	µg/L	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	268	—	—	3	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	276	—	—	3	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	265	—	—	3	µg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	300	—	—	3	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.12	2.26	6.59	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.712	0.929	3.94	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.402	1.07	4.17	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	4.07	1.02	5.26	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.775	1.01	3.8	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.207	0.91	3.56	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00374	—	—	0.00167	mg/L	Y	J	J	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	08/06/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00433	—	—	0.00167	mg/L	Y	J	J	N3B-2020-1528	CASA-20-205904	GELC
SCI-2	548.0	01/23/2020	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00408	—	—	0.00167	mg/L	Y	J	J	N3B-2020-757	CASA-20-192766	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00478	—	—	0.00167	mg/L	Y	J	J	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	07/12/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.0044	—	—	0.00167	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182097	GELC
SCI-2	548.0	05/14/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00405	—	—	0.00167	mg/L	Y	J	J	N3B-2019-1916	CASA-19-175181	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00462	—	—	0.00167	mg/L	Y	J	J	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.177	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.159	—	—	0.033	mg/L	Y	—	J+	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.21	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.229	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.3	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.206	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.151	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.62	0.788	2.94	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.25	1.15	2.96	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.41	0.768	2.44	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.41	0.875	2.83	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.5	1.04	2.83	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.04	0.945	2.98	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.57	0.663	2.01	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.48	0.608	1.77	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.58	0.368	1.08	—	pCi/L	Y	—	J	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.41	0.948	2.78	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.27	0.925	2.71	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.24	0.388	1.12	—	pCi/L	Y	—	NQ	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	248	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	221	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	N	4.53	—	—	4.53	mg/L	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	245	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	244	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	227	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	16.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	15.1	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	N	1.1	—	—	1.1	mg/L	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	16.4	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	16.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	15.7	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.571	—	—	0.2	µg/L	Y	J	J	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.567	—	—	0.2	µg/L	Y	J	J	N3B-2020-1528	CASA-20-205905	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.564	—	—	0.2	µg/L	Y	J	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.547	—	—	0.2	µg/L	Y	J	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.566	—	—	0.2	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.37	—	—	0.2	µg/L	Y	J	J	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.36	2.93	10.5	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.08	2.03	7.25	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.2	2.32	7.98	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.26	2.28	7.62	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.89	1.9	7.2	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.932	1.86	7.07	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	14.4	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	14.8	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	15.3	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	14.4	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	15.3	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	14	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	15.1	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.39	—	—	0.17	mg/L	Y	—	J-	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.27	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.35	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.45	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.39	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.62	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.3	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.874	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.845	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.89	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.924	—	—	0.05	µg/L	Y	—	J	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.907	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.904	—	—	0.05	µg/L	Y	H	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.97	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0058	0.01	0.0672	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0029	0.0087	0.0526	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00901	0.0054	0.0394	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0375	0.0234	0.0921	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.01	0.0158	0.0737	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0111	0.0123	0.086	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0029	0.0105	0.075	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0058	0.0511	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0144	0.00624	0.046	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00625	0.0165	0.132	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000333	0.0158	0.105	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00371	0.00982	0.065	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.63	—	—	0.05	mg/L	Y	—	J+	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.04	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.86	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.73	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.14	21.3	83.6	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.9	15	49.9	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.1	15.6	53.9	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.9	20.2	36.4	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-26.3	12.9	44.4	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.3	13.8	43.3	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.459	0.146	0.338	—	pCi/L	Y	—	NQ	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.418	0.158	0.457	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/14/2011	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.26	0.27	0.43	—	pCi/L	Y	—	NQ	12-331	CASA-12-1376	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.459	0.209	—	—	pCi/L	Y	—	NQ	N3B-2021-295	CASA-21-210522	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.494	0.217	—	—	pCi/L	Y	—	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.179	0.15	0.608	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0767	0.149	0.542	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/14/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0965	0.22	0.79	—	pCi/L	Y	U	U	12-331	CASA-12-1376	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	N	0.53	—	—	0.53	mg/L	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	22	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	21	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	N	1	—	—	1	mg/L	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	23.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	23.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	22.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.12	1.63	5.48	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.236	0.963	3.7	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.99	1.41	4.32	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.272	1	3.71	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.45	0.972	4.52	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.356	0.964	3.68	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	684	—	—	1	µS/cm	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	713	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	589	—	—	1	µS/cm	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	628	—	—	1	µS/cm	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	647	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	633	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	633	—	—	1	µS/cm	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	340	—	—	1	µg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	283	—	—	1	µg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	N	10	—	—	10	µg/L	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	339	—	—	1	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	337	—	—	1	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	316	—	—	1	µg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.109	0.14	0.483	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.245	0.135	0.488	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.138	0.128	0.428	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.176	0.0993	0.432	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0736	0.108	0.431	—	pCi/L	Y	U	U	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.215	0.118	0.385	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	81.4	—	—	2.66	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	93.2	—	—	2.66	mg/L	Y	—	J+	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	81.6	—	—	2.66	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	85.8	—	—	2.66	mg/L	Y	—	J+	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	92.9	—	—	1.33	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	88.7	—	—	1.33	mg/L	Y	H	J-	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	87.7	—	—	1.33	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	08/06/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1528	CASA-20-205904	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	01/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-757	CASA-20-192766	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	07/12/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2508	CASA-19-182097	GELC
SCI-2	548.0	05/14/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-1916	CASA-19-175181	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	40.5	—	—	2.5	µg/L	N	—	R	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	12.7	—	—	2.5	µg/L	Y	—	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	25	—	—	25	µg/L	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	496	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	423	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	430	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	457	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	450	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	443	—	—	3.4	mg/L	Y	H	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	487	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.145	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	01/23/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.207	—	—	0.033	mg/L	Y	—	J+	N3B-2020-757	CASA-20-192766	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.205	—	—	0.033	mg/L	Y	—	J+	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	07/12/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.231	—	—	0.033	mg/L	Y	—	J+	N3B-2019-2508	CASA-19-182097	GELC
SCI-2	548.0	05/14/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.232	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175181	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0743	—	—	0.033	mg/L	Y	J	J	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.623	—	—	0.33	mg/L	Y	J	J	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	08/06/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.72	—	—	0.33	mg/L	Y	J	J	N3B-2020-1528	CASA-20-205904	GELC
SCI-2	548.0	01/23/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.633	—	—	0.33	mg/L	Y	J	J	N3B-2020-757	CASA-20-192766	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.603	—	—	0.33	mg/L	Y	J	J	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	07/12/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.977	—	—	0.33	mg/L	Y	J	J	N3B-2019-2508	CASA-19-182097	GELC
SCI-2	548.0	05/14/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.705	—	—	0.33	mg/L	Y	HJ	J-	N3B-2019-2011	CASA-19-175181	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.695	—	—	0.33	mg/L	Y	J	J	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/04/2020	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	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0843	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0509	—	—	0.02	mg/L	Y	—	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0392	—	—	0.02	mg/L	Y	J	J	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0813	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0332	—	—	0.02	mg/L	Y	J	J	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	235	42.9	111	—	pCi/L	Y	—	NQ	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	232	45.1	130	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	11/13/2018	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	290	44.5	120	—	pCi/L	Y	—	NQ	N3B-2019-459	CASA-19-164016	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	132	43.8	137	—	pCi/L	Y	U	U	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	EPA:906.0	Tritium	H-3	Y	264	46.6	132	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	286	50.2	142	—	pCi/L	Y	—	NQ	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.26	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.28	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.56	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.29	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	2.01	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	2.04	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	01/16/2019	WG	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	2.18	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-772	CASA-19-165997	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.34	0.102	0.153	—	pCi/L	Y	—	NQ	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.22	0.0655	0.0703	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.31	0.0738	0.102	—	pCi/L	Y	—	NQ	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.28	0.0636	0.153	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.19	0.0553	0.126	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.948	0.0559	0.129	—	pCi/L	Y	—	NQ	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0268	0.0242	0.132	—	pCi/L	Y	U	U	N3B-2021-295	CASA-21-210522	GELC
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0397	0.0175	0.0504	—	pCi/L	Y	U	U	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0497	0.0188	0.0952	—	pCi/L	Y	U	U	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.179	0.0266	0.0662	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.134	0.021	0.0544	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0406	0.0143	0.0876	—	pCi/L	Y	U	U	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.624	0.074	0.139	—	pCi/L	Y	—	NQ	N3B-2021-295	CASA-21-210522	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SCI-2	548.0	11/15/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.66	0.0477	0.0823	—	pCi/L	Y	—	NQ	N3B-2020-367	CASA-20-189204	GELC
SCI-2	548.0	01/16/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.697	0.0539	0.119	—	pCi/L	Y	—	NQ	N3B-2019-772	CASA-19-166275	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.686	0.0469	0.0896	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148004	GELC
SCI-2	548.0	11/13/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.713	0.0429	0.0737	—	pCi/L	Y	—	NQ	2018-888	CASA-18-148012	GELC
SCI-2	548.0	11/18/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.605	0.0443	0.0992	—	pCi/L	Y	—	NQ	2017-524	CASA-17-127289	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.79	—	—	1	µg/L	Y	J	J	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.18	—	—	1	µg/L	Y	J	J	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	10	—	—	10	µg/L	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.67	—	—	1	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182096	GELC
SCI-2	548.0	05/14/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.18	—	—	1	µg/L	Y	J	J	N3B-2019-2011	CASA-19-175180	GELC
SCI-2	548.0	11/04/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.33	—	—	3.3	µg/L	Y	J	J	N3B-2021-295	CASA-21-210521	GELC
SCI-2	548.0	08/06/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.12	—	—	3.3	µg/L	Y	J	U	N3B-2020-1528	CASA-20-205905	GELC
SCI-2	548.0	01/23/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	33	—	—	33	µg/L	Y	U	U	N3B-2020-757	CASA-20-192765	GELC
SCI-2	548.0	11/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.43	—	—	3.3	µg/L	Y	J	J	N3B-2020-367	CASA-20-189203	GELC
SCI-2	548.0	07/12/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	8.41	—	—	3.3	µg/L	Y	J	J	N3B-2019-2508	CASA-19-182096	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	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-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	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-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	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-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	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	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	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-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0808	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0551	—	—	0.017	mg/L	Y	—	U	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	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-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.095	—	—	0.017	mg/L	Y	—	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0759	—	—	0.017	mg/L	Y	—	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0599	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.04	—	—	2	µg/L	Y	J	J	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.5	—	—	2	µg/L	Y	J	J	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.22	—	—	2	µg/L	Y	J	J	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.88	—	—	2	µg/L	Y	J	J	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.53	—	—	2	µg/L	Y	J	J	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29	—	—	1	µg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	E	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	E	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.2	—	—	15	µg/L	Y	J	J	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.2	—	—	15	µg/L	Y	J	J	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.5	—	—	15	µg/L	Y	J	J	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.4	—	—	15	µg/L	Y	J	J	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.5	—	—	15	µg/L	Y	J	J	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.51	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.23	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.39	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.31	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.51	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.23	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.49	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.21	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.25	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.18	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	J+	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.4	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.36	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.18	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.57	—	—	3	µg/L	Y	J	J	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.81	—	—	3	µg/L	Y	J	J	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.34	—	—	3	µg/L	Y	J	J	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.73	—	—	3	µg/L	Y	J	J	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.98	—	—	3	µg/L	Y	J	J	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.18	—	—	3	µg/L	Y	J	J	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.29	—	—	3	µg/L	Y	J	J	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.59	—	—	3	µg/L	Y	J	J	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.31	—	—	3	µg/L	Y	J	J	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.22	—	—	3	µg/L	Y	J	J	N3B-2020-707	CAMO-20-192762	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.18	—	—	3	µg/L	Y	J	J	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.93	—	—	3	µg/L	Y	J	J	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.64	—	—	3	µg/L	Y	J	J	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.15	—	—	3	µg/L	Y	J	J	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.29	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.316	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.273	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.313	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.426	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.472	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.351	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.245	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.254	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.319	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.247	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.427	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.46	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.322	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	45.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	45.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	50.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	41.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	41.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	40.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	41.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.25	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.23	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.57	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.24	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.06	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.68	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.42	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.27	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.24	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.03	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.06	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.69	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.93	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.97	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.34	—	—	0.2	µg/L	Y	—	J+	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.09	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.09	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.06	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.17	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.26	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.2	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.17	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.17	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.14	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.73	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.723	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.71	—	—	0.017	mg/L	Y	—	J-	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.745	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.757	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.781	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.705	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.715	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.72	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.754	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.711	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.717	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.732	—	—	0.017	mg/L	Y	—	J+	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	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	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.45	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.424	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.401	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.568	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.417	—	—	0.05	µg/L	Y	—	J	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.411	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.491	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.431	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.455	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.45	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.46	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.447	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.447	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.446	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.41	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.27	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	E	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.31	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	82.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.79	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.64	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.89	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	9.98	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.44	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	J+	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.51	—	—	0.1	mg/L	Y	—	J+	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	139	—	—	1	µS/cm	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	—	1	µS/cm	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	130	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	98.1	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	1	µS/cm	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	103	—	—	1	µS/cm	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	115	—	—	1	µS/cm	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	115	—	—	1	µS/cm	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	1	µS/cm	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	59.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.84	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.77	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.93	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.86	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.84	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.81	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.82	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.72	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.72	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.74	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.72	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.98	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.83	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.83	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	11/12/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2021-389	CAMO-21-210585	GELC
SIMR-2	885.0	10/14/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2021-91	CAMO-21-208208	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	6	—	—	—	deg C	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	09/25/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1907	CAMO-20-206027	GELC
SIMR-2	885.0	08/13/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1569	CAMO-20-198959	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SIMR-2	885.0	07/22/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1362	CAMO-20-205444	GELC
SIMR-2	885.0	06/29/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1239	CAMO-20-198587	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	03/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1137	CAMO-20-196259	GELC
SIMR-2	885.0	02/19/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-918	CAMO-20-193978	GELC
SIMR-2	885.0	02/19/2020	WG	UF	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-918	CAMO-20-194125	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	01/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-707	CAMO-20-192763	GELC
SIMR-2	885.0	12/19/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-592	CAMO-20-190697	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	10/15/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-109	CAMO-20-188267	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	09/24/2019	WG	UF	INIT	REG	General Chemistry	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2019-3518	CAMO-19-186544	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	10.6	—	—	2.5	µg/L	N	—	R	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.95	—	—	2.5	µg/L	Y	J	J	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.62	—	—	2.5	µg/L	Y	J	J	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	6.59	—	—	2.5	µg/L	Y	J	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	J+	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	3.4	mg/L	Y	—	J+	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	J	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	J+	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	88.6	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	06/29/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0407	—	—	0.033	mg/L	Y	J	J	N3B-2020-1239	CAMO-20-198587	GELC
SIMR-2	885.0	03/18/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0534	—	—	0.033	mg/L	Y	J	J	N3B-2020-1137	CAMO-20-196259	GELC
SIMR-2	885.0	02/19/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0359	—	—	0.033	mg/L	Y	J	U	N3B-2020-918	CAMO-20-193978	GELC
SIMR-2	885.0	02/19/2020	WG	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0885	—	—	0.033	mg/L	Y	J	U	N3B-2020-918	CAMO-20-194125	GELC
SIMR-2	885.0	01/16/2020	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-707	CAMO-20-192763	GELC
SIMR-2	885.0	12/19/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	UJ	N3B-2020-592	CAMO-20-190697	GELC
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0778	—	—	0.033	mg/L	Y	J	U	N3B-2020-338	CAMO-20-189198	GELC
SIMR-2	885.0	10/14/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.365	—	—	0.33	mg/L	Y	J	J	N3B-2021-91	CAMO-21-208208	GELC
SIMR-2	885.0	09/25/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.451	—	—	0.33	mg/L	Y	J	U	N3B-2020-1907	CAMO-20-206027	GELC
SIMR-2	885.0	08/13/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1569	CAMO-20-198959	GELC
SIMR-2	885.0	07/22/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1362	CAMO-20-205444	GELC
SIMR-2	885.0	06/29/2020	WG	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1239	CAMO-20-198587	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.129	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0325	—	—	0.02	mg/L	Y	J	J	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0447	—	—	0.02	mg/L	Y	J	J	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.685	—	—	0.02	mg/L	Y	—	J+	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0936	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.108	—	—	0.02	mg/L	Y	—	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0917	—	—	0.02	mg/L	Y	—	U	N3B-2020-918	CAMO-20-194126	GELC

Table C-2 Analytical Detects from the Periodic Monitoring Event Reported in the 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
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0391	—	—	0.02	mg/L	Y	J	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0599	—	—	0.02	mg/L	Y	—	U	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.125	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	08/13/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.529	0.993	2.958	—	pCi/L	Y	UQ	UJ	N3B-2020-1592	CAMO-20-198959	ARSL
SIMR-2	885.0	01/16/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.394	0.93	2.986	—	pCi/L	Y	U	U	N3B-2020-739	CAMO-20-192763	ARSL
SIMR-2	885.0	11/13/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.171	0.876	2.955	—	pCi/L	Y	U	U	N3B-2020-333	CAMO-20-189198	ARSL
SIMR-2	885.0	07/18/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.333	0.942	3.208	—	pCi/L	Y	U	U	N3B-2019-2777	CAMO-19-181871	ARSL
SIMR-2	885.0	05/21/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.907	0.726	2.468	—	pCi/L	Y	U	U	N3B-2019-1983	CAMO-19-175176	ARSL
SIMR-2	885.0	01/17/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.726	0.901	2.986	—	pCi/L	Y	U	U	N3B-2019-836	CAMO-19-165995	ARSL
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.414	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.468	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.475	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.397	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.441	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.431	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.441	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.437	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.436	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.431	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.427	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.421	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.435	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.442	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	11/12/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.57	—	—	1	µg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210584	GELC
SIMR-2	885.0	10/14/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-91	CAMO-21-208209	GELC
SIMR-2	885.0	09/25/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.26	—	—	1	µg/L	Y	—	NQ	N3B-2020-1907	CAMO-20-206028	GELC
SIMR-2	885.0	08/13/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.44	—	—	1	µg/L	Y	—	NQ	N3B-2020-1569	CAMO-20-198960	GELC
SIMR-2	885.0	07/22/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.59	—	—	1	µg/L	Y	—	NQ	N3B-2020-1362	CAMO-20-205445	GELC
SIMR-2	885.0	06/29/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.45	—	—	1	µg/L	Y	—	NQ	N3B-2020-1239	CAMO-20-198588	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.07	—	—	1	µg/L	Y	—	NQ	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.68	—	—	1	µg/L	Y	—	NQ	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.62	—	—	1	µg/L	Y	—	NQ	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.83	—	—	1	µg/L	Y	—	NQ	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.55	—	—	1	µg/L	Y	—	NQ	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.48	—	—	1	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189197	GELC
SIMR-2	885.0	10/15/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.33	—	—	1	µg/L	Y	—	NQ	N3B-2020-109	CAMO-20-188268	GELC
SIMR-2	885.0	09/24/2019	WG	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	Y	9.72	—	—	3.3	µg/L	Y	J	J	N3B-2019-3518	CAMO-19-186545	GELC
SIMR-2	885.0	03/18/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.9	—	—	3.3	µg/L	Y	J	J	N3B-2020-1137	CAMO-20-196260	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.46	—	—	3.3	µg/L	Y	J	U	N3B-2020-918	CAMO-20-193979	GELC
SIMR-2	885.0	02/19/2020	WG	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	5.47	—	—	3.3	µg/L	Y	J	U	N3B-2020-918	CAMO-20-194126	GELC
SIMR-2	885.0	01/16/2020	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-707	CAMO-20-192762	GELC
SIMR-2	885.0	12/19/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-592	CAMO-20-190698	GELC
SIMR-2	885.0	11/13/2019	WG	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-338	CAMO-20-189197	GELC

Appendix D

Groundwater Results Greater Than Half of Screening Values

Zone	Location ID	Screen Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Detected	Report Result	Method Detection Limit	Report Units	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Codes	Best Value	Lab Method	Lab ID	Screening Level	Reporting Level Code	Result per Screening Level
Regional	R-35a	1013.1	06/29/2020	Inorganic	Arsenic	As	F[a]	INIT[b]	REG[c]	Y[d]	5.63	2.00	µg/L	1.00	—[e]	NQ[f]	NQ	Y	SW-846:6020B	GELC[g]	10	NM GW STD[h]	0.56
Intermediate	MCOI-6	686.0	01/13/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	62.4	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	1.25
Regional	R-70 S1	963.0	11/09/2020	SVOC	Benzo(a)anthracene	56-55-3	UF[i]	INIT	REG	Y	0.373	0.294	µg/L	1.00	J[j]	J	J_LAB[k]	Y	SW-846:8270D	GELC	0.12	NMED A1 TAP SCRN LVL[l]	3.11
Regional	R-70 S1	963.0	11/09/2020	SVOC	Benzo(b)fluoranthene	205-99-2	UF	INIT	REG	Y	0.589	0.294	µg/L	1.00	J	J	J_LAB	Y	SW-846:8270D	GELC	0.343	NMED A1 TAP SCRN LVL	1.72
Intermediate	MCOI-6	686.0	08/17/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	61	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	1.22
Intermediate	MCOI-6	686.0	08/17/2020	SVOC	Dioxane[1,4-]	123-91-1	UF	INIT	REG	Y	14.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:8270D	GELC	4.59	NMED A1 TAP SCRN LVL	3.07
Intermediate	MCOI-6	686.0	11/09/2020	SVOC	Dioxane[1,4-]	123-91-1	UF	INIT	REG	Y	25	1.00	µg/L	10.0	—	J	SV7b	Y	SW-846:8270E_SIM	GELC	4.59	NMED A1 TAP SCRN LVL	5.45
Regional	R-44 S1	895.0	02/20/2020	Inorganic	Nickel	Ni	F	INIT	REG	Y	109	0.600	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	200	NM GW STD	0.55
Intermediate	MCOI-6	686.0	11/09/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	60.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	1.20
Intermediate	MCOI-6	686.0	01/13/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	12.3	0.170	mg/L	10.0	—	J+	I6b	Y	EPA:353.2	GELC	10	EPA MCL[m]	1.23
Intermediate	MCOI-6	686.0	08/17/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	11.6	0.425	mg/L	25.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	1.16
Intermediate	SCI-2	548.0	01/23/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	262	15.0	µg/L	5.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	5.24
Intermediate	SCI-2	548.0	08/06/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	262	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	5.24
Intermediate	SCI-2	548.0	11/04/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	244	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	4.88
Intermediate	MCOI-6	686.0	11/09/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	11.9	0.425	mg/L	25.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	1.19
Regional	R-11	855.0	01/08/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.22	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.52
Regional	R-11	855.0	02/13/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	FD	Y	6.4	0.850	mg/L	50.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.64
Regional	R-11	855.0	02/13/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.7	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.57
Regional	R-11	855.0	03/16/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.27	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.53
Regional	R-11	855.0	06/23/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.76	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.58
Regional	R-11	855.0	07/30/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	FD	Y	5.74	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.57
Regional	R-11	855.0	07/30/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.69	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.57
Regional	R-11	855.0	08/05/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.25	0.850	mg/L	50.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.52

Zone	Location ID	Screen Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Detected	Report Result	Method Detection Limit	Report Units	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Codes	Best Value	Lab Method	Lab ID	Screening Level	Reporting Level Code	Result per Screening Level
Regional	R-11	855.0	09/08/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.84	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.58
Regional	R-11	855.0	10/06/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.78	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.58
Regional	R-11	855.0	11/03/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	FD	Y	5.45	0.425	mg/L	25.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.54
Regional	R-11	855.0	11/03/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.6	0.425	mg/L	25.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.56
Regional	R-11	855.0	12/08/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	FD	Y	5.4	0.425	mg/L	25.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.54
Regional	R-11	855.0	12/08/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.53	0.425	mg/L	25.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.55
Regional	R-43 S1	903.9	01/09/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.91	0.170	mg/L	10.0	—	J+	I6b	Y	EPA:353.2	GELC	10	EPA MCL	0.59
Regional	R-43 S1	903.9	11/19/2020	General Chemistry	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	F	INIT	REG	Y	5.31	0.170	mg/L	10.0	—	NQ	NQ	Y	EPA:353.2	GELC	10	EPA MCL	0.53
Intermediate	MCOI-6	686.0	01/13/2020	LCMS/MS^{n}	Perchlorate	ClO4	F	INIT	REG	Y	96.6	5.00	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	7.00
Intermediate	MCOI-6	686.0	08/17/2020	LCMS/MS	Perchlorate	ClO4	F	INIT	REG	Y	73.7	5.00	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	5.34
Intermediate	MCOI-6	686.0	11/09/2020	LCMS/MS	Perchlorate	ClO4	F	INIT	REG	Y	97.9	5.00	µg/L	100	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	7.09
Regional	R-43 S1	903.9	01/09/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	215	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	4.30
Regional	R-43 S1	903.9	08/05/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	194	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	3.88
Regional	R-15	958.6	01/23/2020	LCMS/MS	Perchlorate	ClO4	F	INIT	FD^{o}	Y	10.2	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.74
Regional	R-43 S1	903.9	11/19/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	202	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	4.04
Regional	R-43 S2	969.1	01/09/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	35.2	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.70
Regional	R-43 S2	969.1	08/07/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	40.3	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.81
Regional	R-43 S2	969.1	11/03/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	49.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.98
Regional	R-15	958.6	01/23/2020	LCMS/MS	Perchlorate	ClO4	F	INIT	REG	Y	10.4	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.75
Regional	R-45 S1	880.0	01/22/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	38.7	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.77
Regional	R-45 S1	880.0	03/13/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	25.7	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.51
Regional	R-45 S2	974.9	01/22/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	42.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.84
Regional	R-45 S2	974.9	02/28/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	38.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.76
Regional	R-45 S2	974.9	03/13/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	47.6	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.95
Regional	R-45 S2	974.9	06/24/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	42.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.84
Regional	R-45 S2	974.9	07/28/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	42.2	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.84

Zone	Location ID	Screen Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Detected	Report Result	Method Detection Limit	Report Units	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Codes	Best Value	Lab Method	Lab ID	Screening Level	Reporting Level Code	Result per Screening Level
Regional	R-45 S2	974.9	08/11/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	43.6	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.87
Regional	R-45 S2	974.9	09/14/2020	Inorganic	Chromium	Cr	F	INIT	FD	Y	45.8	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.92
Regional	R-45 S2	974.9	09/14/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	42.6	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.85
Regional	R-45 S2	974.9	10/09/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	47.6	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.95
Regional	R-45 S2	974.9	11/19/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	49.9	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	1.00
Regional	R-45 S2	974.9	12/16/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	55	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	1.10
Regional	R-50 S1	1077.0	01/14/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	26.3	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.53
Regional	R-50 S1	1077.0	02/12/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	30.2	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.60
Regional	R-50 S1	1077.0	03/04/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	26.4	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.53
Regional	R-50 S1	1077.0	06/26/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	30.3	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.61
Regional	R-50 S1	1077.0	07/27/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	40.2	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.80
Regional	R-50 S1	1077.0	08/10/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	38.8	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.78
Regional	R-50 S1	1077.0	09/21/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	33.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.66
Regional	R-50 S1	1077.0	10/13/2020	Inorganic	Chromium	Cr	F	INIT	FD	Y	45.1	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.90
Regional	R-50 S1	1077.0	10/13/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	30.4	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.61
Regional	R-50 S1	1077.0	11/13/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	29.7	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.59
Regional	R-61 S1	1125.0	01/08/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	33.4	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.67
Regional	R-15	958.6	08/04/2020	LCMS/MS	Perchlorate	ClO4	F	INIT	REG	Y	11.2	0.500	µg/L	10.0	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.81
Regional	R-61 S1	1125.0	02/14/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	36.3	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.73
Regional	R-15	958.6	11/16/2020	LCMS/MS	Perchlorate	ClO4	F	INIT	REG	Y	10.8	0.500	µg/L	10.0	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.78
Regional	R-61 S1	1125.0	03/06/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	36.8	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.74
Regional	R-61 S1	1125.0	01/08/2020	LCMS/MS	Perchlorate	ClO4	F	INIT	REG	Y	12.4	0.500	µg/L	10	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.90
Regional	R-61 S1	1125.0	06/25/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	33.8	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.68
Regional	R-61 S1	1125.0	02/14/2020	LCMS/MS	Perchlorate	ClO4	F	INIT	REG	Y	12.3	0.500	µg/L	10.0	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.89
Regional	R-61 S1	1125.0	07/21/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	31.2	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.62
Regional	R-61 S1	1125.0	03/06/2020	LCMS/MS	Perchlorate	ClO4	F	INIT	REG	Y	13.1	0.500	µg/L	10.0	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.95
Regional	R-61 S1	1125.0	08/10/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	39	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.78
Regional	R-61 S1	1125.0	06/25/2020	LCMS/MS	Perchlorate	ClO4	F	INIT	REG	Y	9.61	0.500	µg/L	10.0	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.70
Regional	R-61 S1	1125.0	07/21/2020	LCMS/MS	Perchlorate	ClO4	F	INIT	REG	Y	10.5	0.500	µg/L	10.0	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.76
Regional	R-61 S1	1125.0	10/16/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	33.9	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.68
Regional	R-61 S1	1125.0	08/10/2020	LCMS/MS	Perchlorate	ClO4	F	INIT	REG	Y	11.4	0.500	µg/L	10.0	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.83

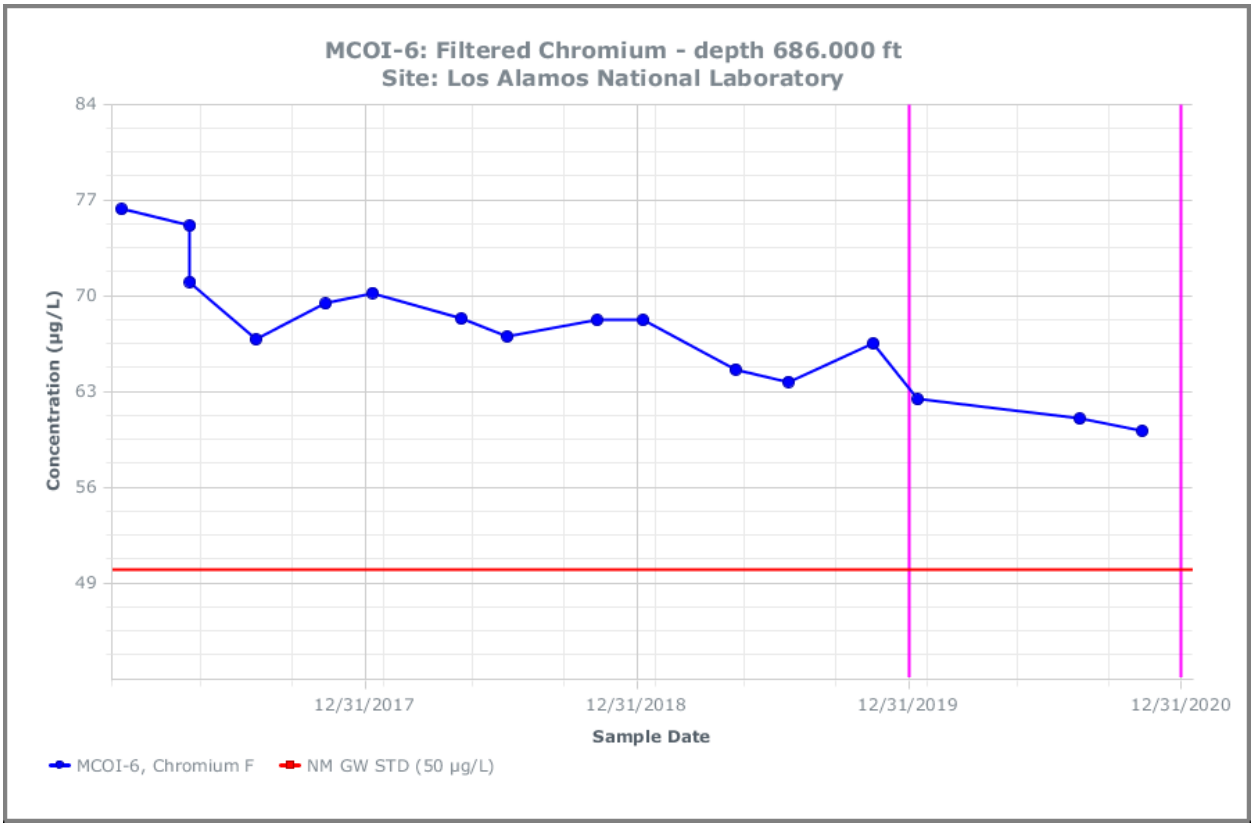
Zone	Location ID	Screen Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Detected	Report Result	Method Detection Limit	Report Units	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Codes	Best Value	Lab Method	Lab ID	Screening Level	Reporting Level Code	Result per Screening Level
Regional	R-61 S1	1125.0	11/04/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	35.6	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.71
Regional	R-61 S1	1125.0	09/18/2020	LCMS/MS	Perchlorate	ClO4	F	INIT	REG	Y	10.9	0.500	µg/L	10.0	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.79
Regional	R-61 S1	1125.0	12/04/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	35.2	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.70
Regional	R-61 S1	1125.0	10/16/2020	LCMS/MS	Perchlorate	ClO4	F	INIT	REG	Y	12	0.500	µg/L	10.0	—	J	PE7a	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.87
Regional	R-62	1158.4	08/21/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	287	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	5.74
Regional	R-62	1158.4	11/06/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	346	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	6.92
Regional	R-70 S1	963.0	08/04/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	30.5	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.61
Regional	R-61 S1	1125.0	11/04/2020	LCMS/MS	Perchlorate	ClO4	F	DL	REG	Y	12.5	0.500	µg/L	10.0	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.91
Regional	R-61 S1	1125.0	12/04/2020	LCMS/MS	Perchlorate	ClO4	F	INIT	REG	Y	13.6	1.00	µg/L	20.0	—	NQ	NQ	Y	SW-846:6850	GELC	13.8	NMED A1 TAP SCRN LVL	0.99
Regional	R-70 S1	963.0	12/03/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	26.5	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	0.53
Regional	R-70 S2	1048.0	08/04/2020	Inorganic	Chromium	Cr	F	INIT	FD	Y	272	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	5.44
Regional	R-70 S2	1048.0	08/04/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	268	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	5.36
Regional	R-70 S2	1048.0	09/23/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	264	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	5.28
Regional	R-70 S2	1048.0	10/15/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	255	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	5.10
Regional	R-70 S2	1048.0	11/09/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	256	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	5.12
Regional	R-70 S2	1048.0	12/03/2020	Inorganic	Chromium	Cr	F	INIT	REG	Y	250	3.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	50	NM GW STD	5.00

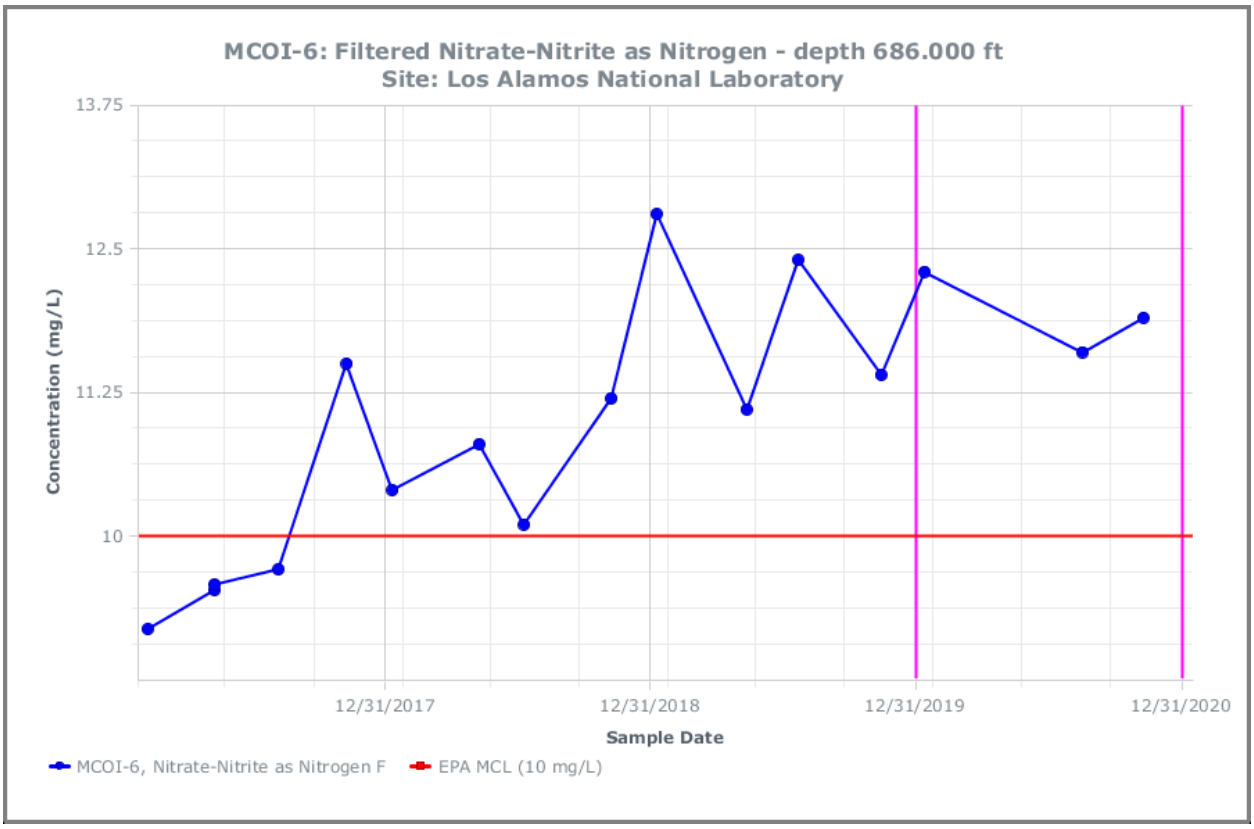
[a] F = Filtered.
[b] INIT = Initial.
[c] REG = Regular.
[d] Y = Yes.
[e] — = None.
[f] NQ = Not qualified.
[g] GELC = GEL Laboratories, LLC, Division of the GEL Group, Charleston, SC.
[h] NM GW STD = New Mexico Water Quality Control Commission groundwater standard.
[i] UF = Unfiltered.
[j] J = The associated numerical value is an estimated quantity.
[k] J_LAB = The laboratory has identified the associated numerical value is an estimated quality.
[l] NMED A1 TAP SCRN LVL = New Mexico Environment Department screening level for tap water.
[m] EPA MCL = U.S. Environmental Protection Agency maximum contaminant level.
[n] LCMS/MS = Liquid chromatography mass spectrometry/mass spectrometry.
[o] FD = Field duplicate.

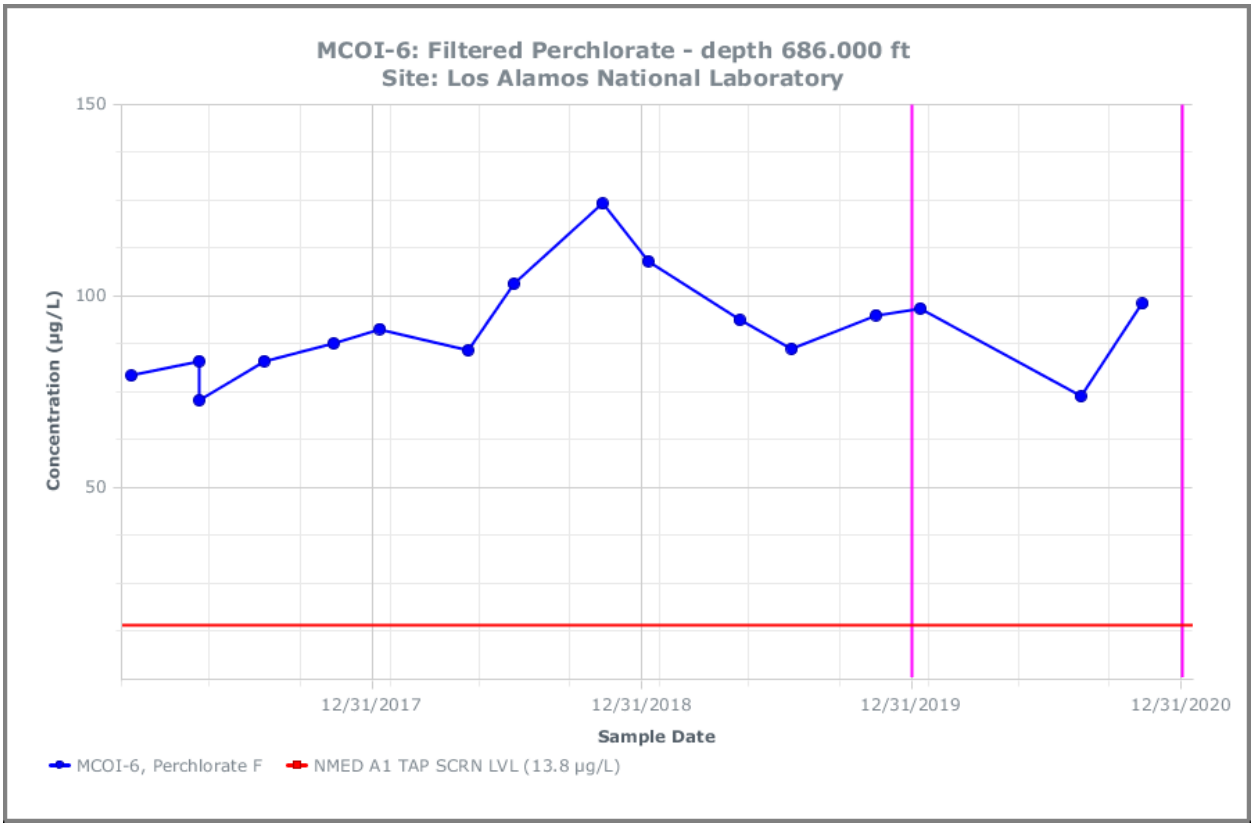
Appendix E

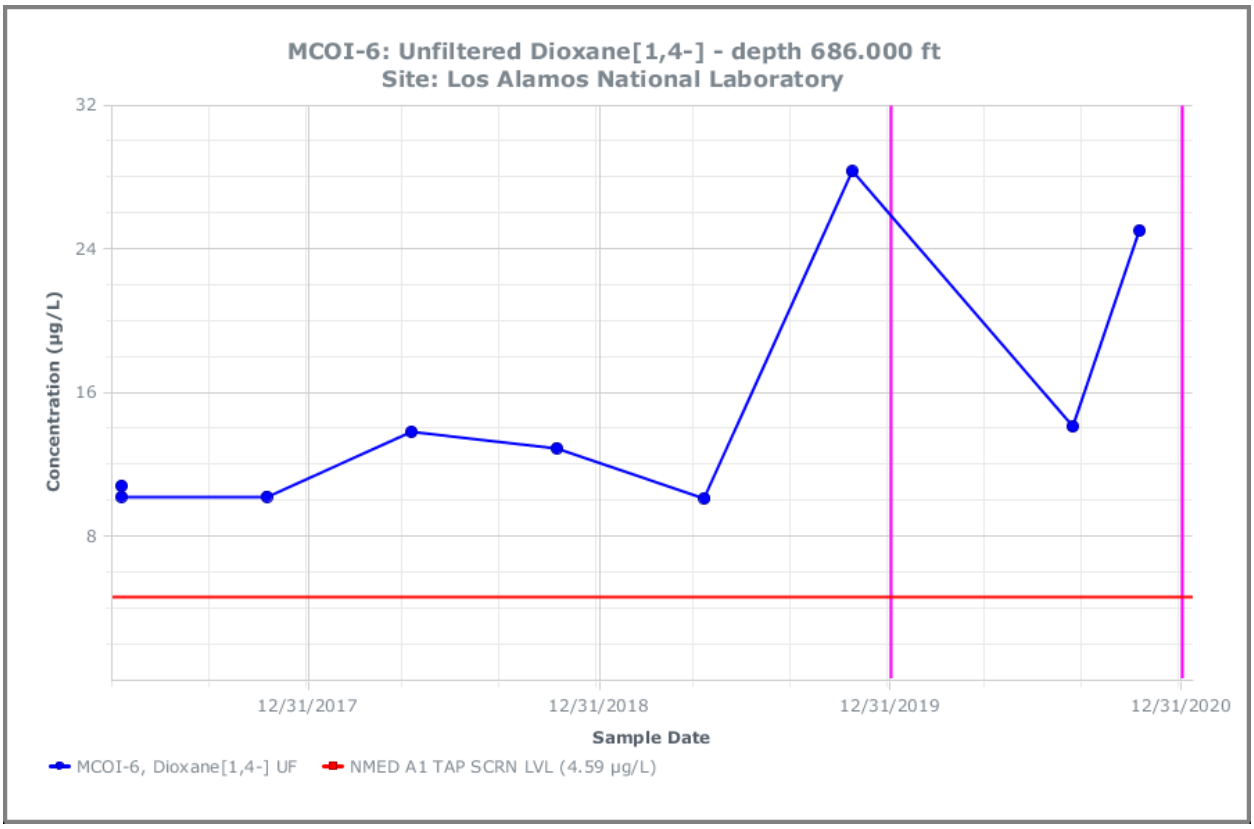
Analytical Chemistry Graphs of Results with Screening Value Exceedances

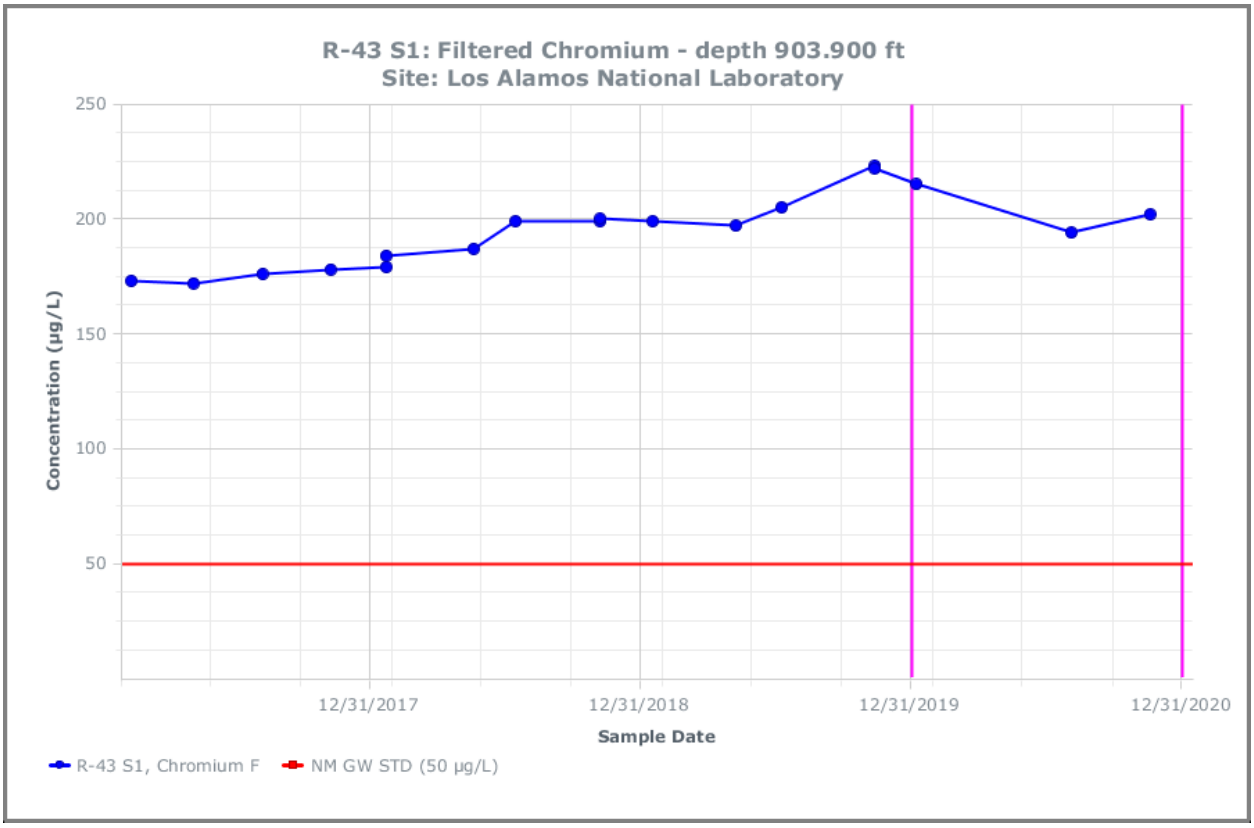
Note: The depths in the concentration plots are screen top depths (see Table 2.0-1).

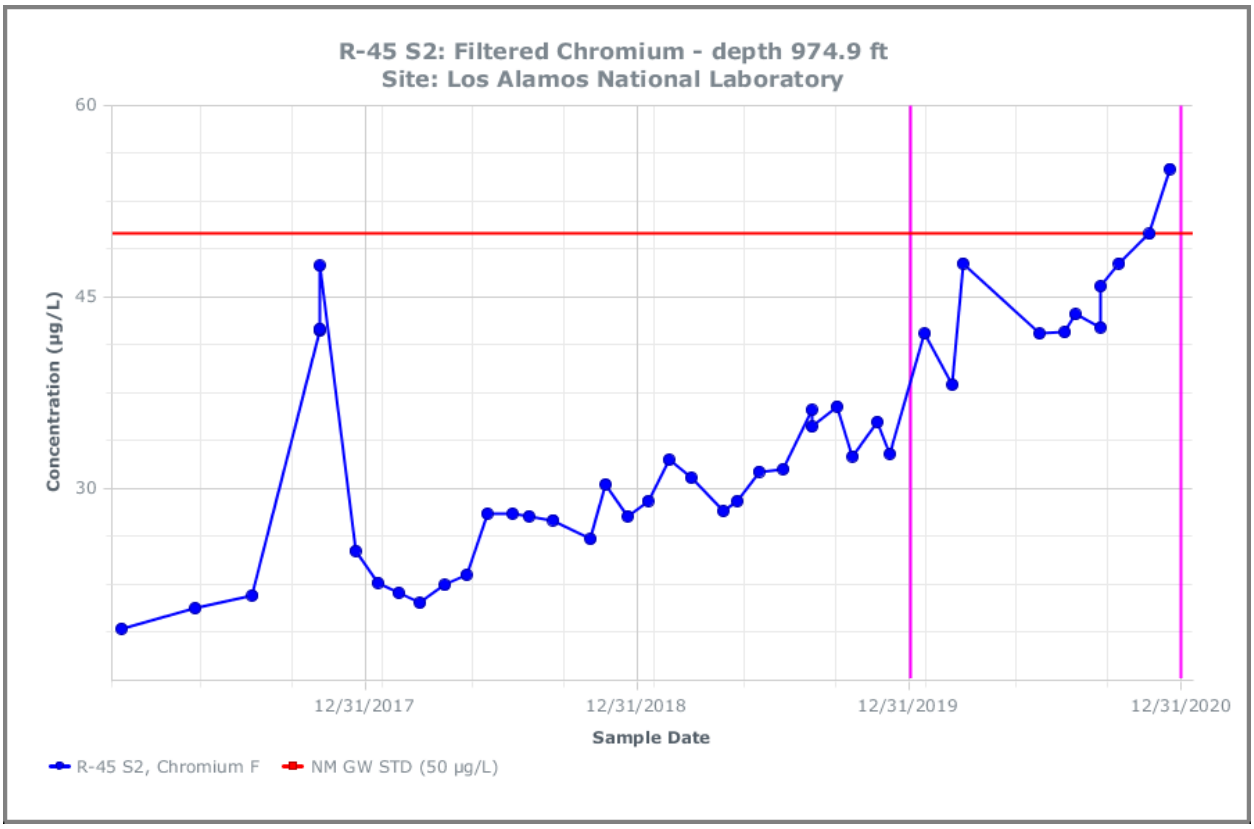


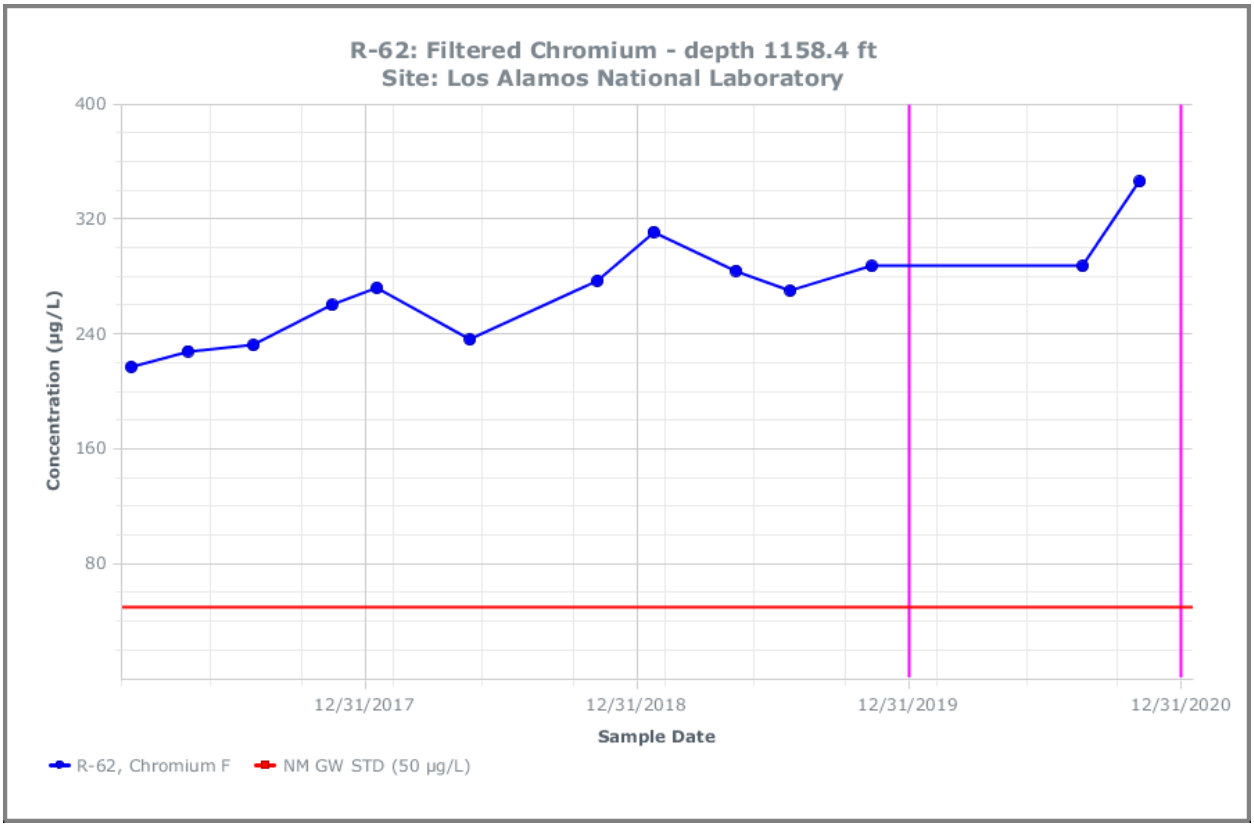

MCOI-6: Filtered Nitrate-Nitrite as Nitrogen - depth 686.000 ft
Site: Los Alamos National Laboratory
13.75
12.5
11.25
10
Concentration (mg/L)
12/31/2017
12/31/2018
12/31/2019
12/31/2020
Sample Date
MCOI-6, Nitrate-Nitrite as Nitrogen F
EPA MCL (10 mg/L)

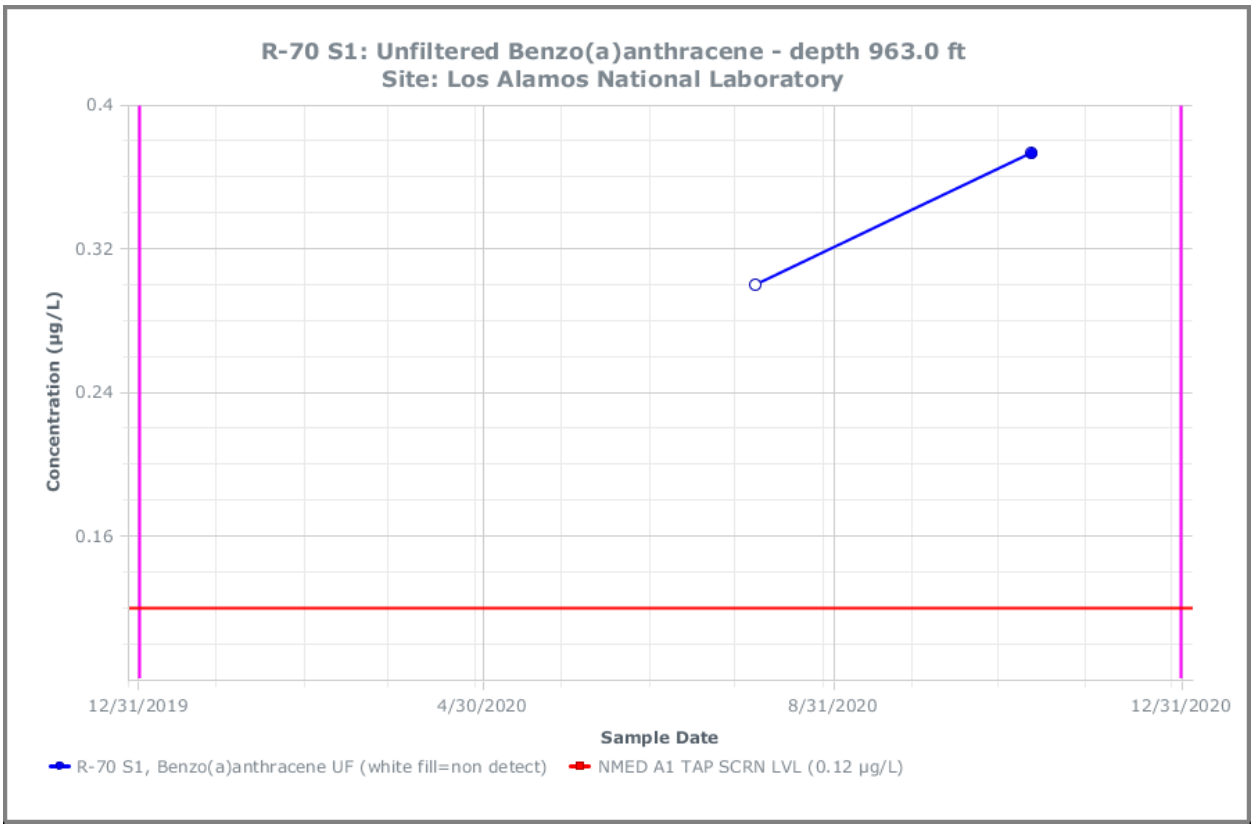

MCOI-6: Filtered Perchlorate - depth 686.000 ft
Site: Los Alamos National Laboratory
150
100
50
Concentration (µg/L)
12/31/2017
12/31/2018
12/31/2019
12/31/2020
Sample Date
MCOI-6, Perchlorate F
NMED A1 TAP SCRN LVL (13.8 µg/L)

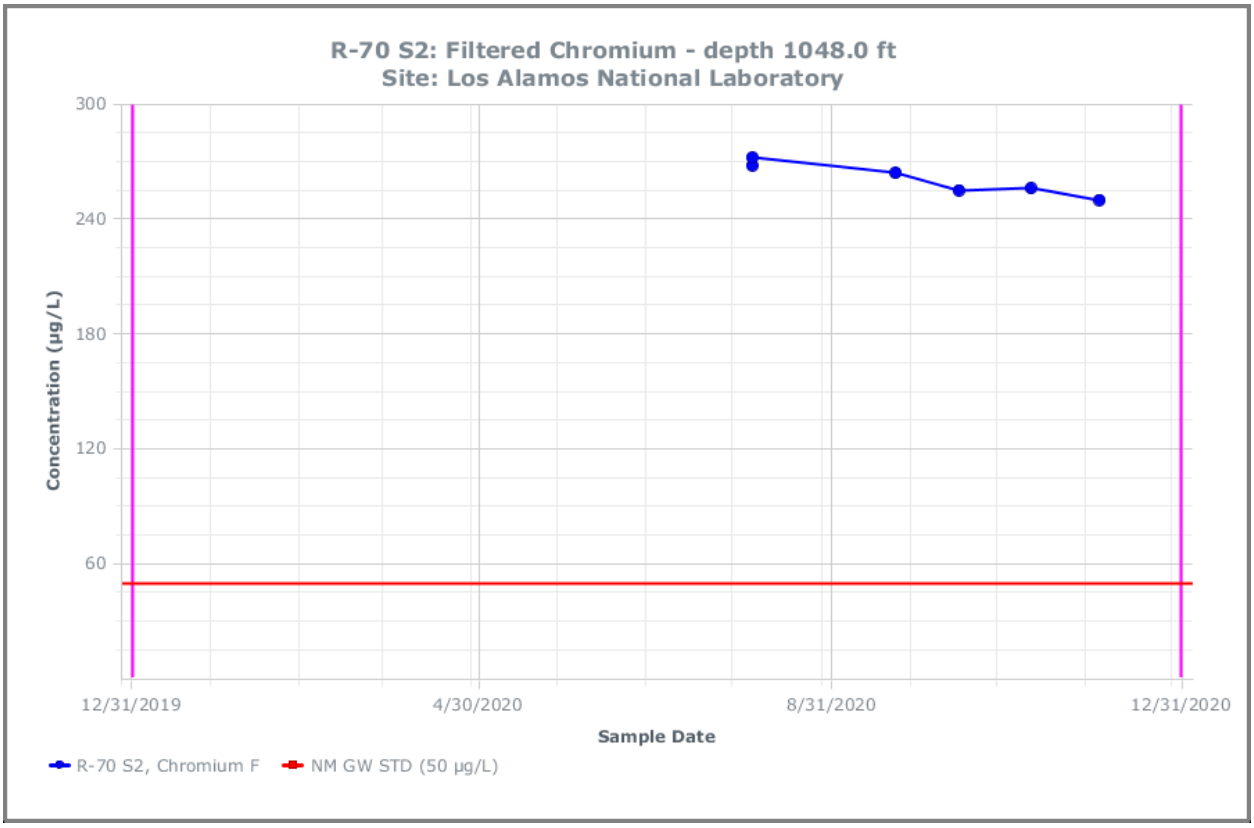

MCOI-6: Unfiltered Dioxane[1,4-] - depth 686.000 ft
Site: Los Alamos National Laboratory
Concentration (µg/L)
32
24
16
8
12/31/2017
12/31/2018
12/31/2019
12/31/2020
Sample Date
MCOI-6, Dioxane[1,4-] UF
NMED A1 TAP SCRN LVL (4.59 µg/L)

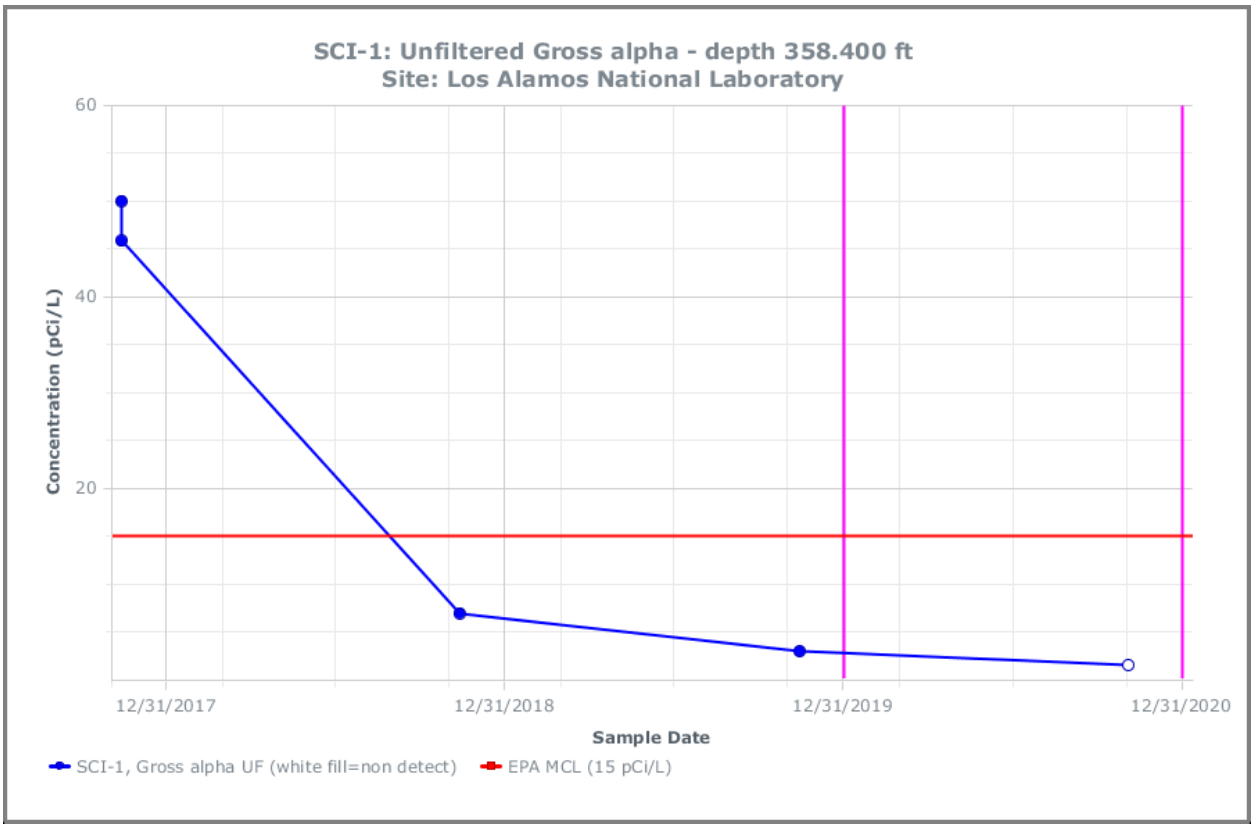

R-43 S1: Filtered Chromium - depth 903.900 ft
Site: Los Alamos National Laboratory
Concentration (µg/L)
250
200
150
100
50
12/31/2017
12/31/2018
12/31/2019
12/31/2020
Sample Date
R-43 S1, Chromium F
NM GW STD (50 µg/L)

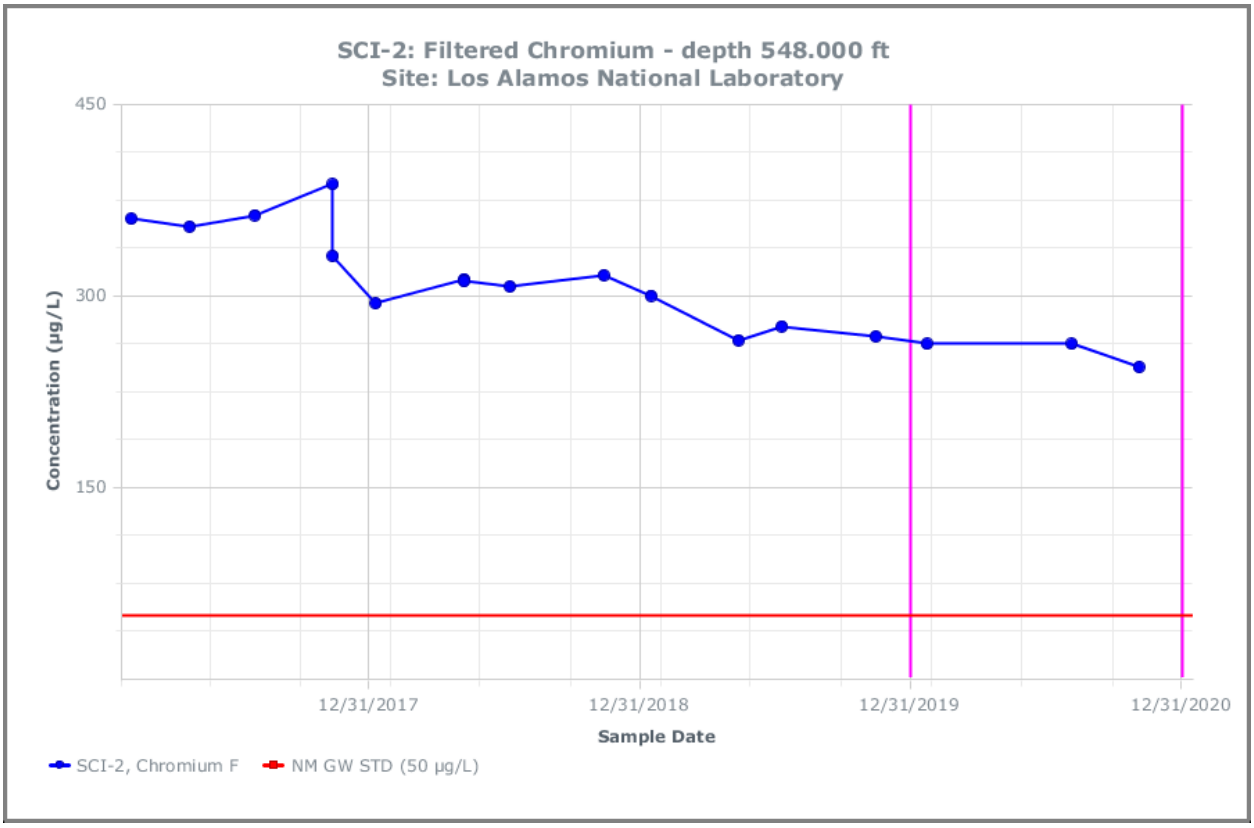

R-45 S2: Filtered Chromium - depth 974.9 ft
Site: Los Alamos National Laboratory
60
45
30
Concentration (µg/L)
12/31/2017
12/31/2018
12/31/2019
12/31/2020
Sample Date
R-45 S2, Chromium F
NM GW STD (50 µg/L)


R-62: Filtered Chromium - depth 1158.4 ft
Site: Los Alamos National Laboratory
400
320
240
160
80
Concentration (µg/L)
12/31/2017
12/31/2018
12/31/2019
12/31/2020
Sample Date
R-62, Chromium F
NM GW STD (50 µg/L)


R-70 S1: Unfiltered Benzo(a)anthracene - depth 963.0 ft
Site: Los Alamos National Laboratory
0.4
0.32
0.24
0.16
Concentration (µg/L)
12/31/2019
4/30/2020
8/31/2020
12/31/2020
Sample Date
R-70 S1, Benzo(a)anthracene UF (white fill=non detect)
NMED A1 TAP SCRN LVL (0.12 µg/L)


R-70 S2: Filtered Chromium - depth 1048.0 ft
Site: Los Alamos National Laboratory
300
240
180
120
60
Concentration (µg/L)
12/31/2019
4/30/2020
8/31/2020
12/31/2020
Sample Date
R-70 S2, Chromium F
NM GW STD (50 µg/L)


SCI-1: Unfiltered Gross alpha - depth 358.400 ft
Site: Los Alamos National Laboratory
60
40
20
Concentration (pCi/L)
12/31/2017
12/31/2018
12/31/2019
12/31/2020
Sample Date
SCI-1, Gross alpha UF (white fill=non detect)
EPA MCL (15 pCi/L)


SCI-2: Filtered Chromium - depth 548.000 ft
Site: Los Alamos National Laboratory
450
300
150
Concentration (µg/L)
12/31/2017
12/31/2018
12/31/2019
12/31/2020
Sample Date
SCI-2, Chromium F
NM GW STD (50 µg/L)

Appendix F

Analytical Reports
(on DVD included with this document)

DVD Table of Contents

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2020-1028	Inorganic	GELC[a]	CAMO-20-196246	03/04/2020	R-50 S1	1077.000	1087.000
N3B-2020-1028	Inorganic	GELC	CAMO-20-196245	03/04/2020	R-50 S1	1077.000	1087.000
N3B-2020-1033	Inorganic	GELC	CAMO-20-196248	03/05/2020	R-50 S2	1185.000	1205.600
N3B-2020-1033	Inorganic	GELC	CAMO-20-196249	03/05/2020	R-50 S2	1185.000	1205.600
N3B-2020-1041	Inorganic	GELC	CAMO-20-196251	03/06/2020	R-61 S1	1125.000	1135.000
N3B-2020-1041	Inorganic	GELC	CAMO-20-196252	03/06/2020	R-61 S1	1125.000	1135.000
N3B-2020-1076	Inorganic	GELC	CAMO-20-196234	03/12/2020	R-44 S1	895.000	905.000
N3B-2020-1076	Inorganic	GELC	CAMO-20-196233	03/12/2020	R-44 S1	895.000	905.000
N3B-2020-1076	Inorganic	GELC	CAMO-20-196265	03/12/2020	R-44 S1	895.000	905.000
N3B-2020-1076	Inorganic	GELC	CAMO-20-196266	03/12/2020	R-44 S1	895.000	905.000
N3B-2020-1076	Inorganic	GELC	CAMO-20-196236	03/12/2020	R-44 S2	985.300	995.200
N3B-2020-1076	Inorganic	GELC	CAMO-20-196237	03/12/2020	R-44 S2	985.300	995.200
N3B-2020-1086	Inorganic	GELC	CAMO-20-196240	03/13/2020	R-45 S1	880.000	890.000
N3B-2020-1086	Inorganic	GELC	CAMO-20-196239	03/13/2020	R-45 S1	880.000	890.000
N3B-2020-1086	Inorganic	GELC	CAMO-20-196242	03/13/2020	R-45 S2	974.9	994.9
N3B-2020-1086	Inorganic	GELC	CAMO-20-196243	03/13/2020	R-45 S2	974.9	994.9
N3B-2020-1098	Inorganic	GELC	CASA-20-196225	03/16/2020	R-11	855.000	877.900
N3B-2020-1098	Inorganic	GELC	CASA-20-196224	03/16/2020	R-11	855.000	877.900
N3B-2020-1098	Inorganic	GELC	CASA-20-196230	03/16/2020	R-35b	825.400	848.500
N3B-2020-1098	Inorganic	GELC	CASA-20-196231	03/16/2020	R-35b	825.400	848.500
N3B-2020-1116	Inorganic	GELC	CASA-20-196262	03/17/2020	R-35a	1013.100	1062.200
N3B-2020-1116	Inorganic	GELC	CASA-20-196228	03/17/2020	R-35a	1013.100	1062.200
N3B-2020-1116	Inorganic	GELC	CASA-20-196227	03/17/2020	R-35a	1013.100	1062.200
N3B-2020-1116	Inorganic	GELC	CASA-20-196263	03/17/2020	R-35a	1013.100	1062.200
N3B-2020-1137	Inorganic	GELC	CAMO-20-196260	03/18/2020	SIMR-2	885	905.4
N3B-2020-1137	Inorganic	GELC	CAMO-20-196259	03/18/2020	SIMR-2	885	905.4
N3B-2020-1166	Inorganic	GELC	CASA-20-193860	02/13/2020	R-11	855.000	877.900
N3B-2020-1166	Inorganic	GELC	CASA-20-194122	02/13/2020	R-11	855.000	877.900
N3B-2020-1198	Inorganic	GELC	CASA-20-198492	06/23/2020	R-11	855.000	877.900
N3B-2020-1198	Inorganic	GELC	CASA-20-198493	06/23/2020	R-11	855.000	877.900
N3B-2020-1213	Inorganic	GELC	CAMO-20-205241	06/24/2020	R-45 S1	880.000	890.000
N3B-2020-1213	Inorganic	GELC	CAMO-20-205242	06/24/2020	R-45 S1	880.000	890.000
N3B-2020-1213	Inorganic	GELC	CAMO-20-205244	06/24/2020	R-45 S2	974.9	994.9
N3B-2020-1213	Inorganic	GELC	CAMO-20-205245	06/24/2020	R-45 S2	974.9	994.9
N3B-2020-1219	Inorganic	GELC	CAMO-20-205254	06/25/2020	R-44 S1	895.000	905.000
N3B-2020-1219	Inorganic	GELC	CAMO-20-205255	06/25/2020	R-44 S1	895.000	905.000
N3B-2020-1219	Inorganic	GELC	CAMO-20-198539	06/25/2020	R-61 S1	1125.000	1135.000
N3B-2020-1219	Inorganic	GELC	CAMO-20-198540	06/25/2020	R-61 S1	1125.000	1135.000

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2020-1238	Inorganic	GELC	CAMO-20-205238	06/26/2020	R-35b	825.400	848.500
N3B-2020-1238	Inorganic	GELC	CAMO-20-205237	06/26/2020	R-35b	825.400	848.500
N3B-2020-1238	Inorganic	GELC	CAMO-20-205234	06/26/2020	R-35b	825.400	848.500
N3B-2020-1238	Inorganic	GELC	CAMO-20-205235	06/26/2020	R-35b	825.400	848.500
N3B-2020-1238	Inorganic	GELC	CAMO-20-198511	06/26/2020	R-44 S2	985.300	995.200
N3B-2020-1238	Inorganic	GELC	CAMO-20-198509	06/26/2020	R-44 S2	985.300	995.200
N3B-2020-1238	Inorganic	GELC	CAMO-20-198508	06/26/2020	R-44 S2	985.300	995.200
N3B-2020-1238	Inorganic	GELC	CAMO-20-198512	06/26/2020	R-44 S2	985.300	995.200
N3B-2020-1238	Inorganic	GELC	CAMO-20-198521	06/26/2020	R-50 S1	1077.000	1087.000
N3B-2020-1238	Inorganic	GELC	CAMO-20-198520	06/26/2020	R-50 S1	1077.000	1087.000
N3B-2020-1238	Inorganic	GELC	CAMO-20-198536	06/26/2020	R-50 S2	1185.000	1205.600
N3B-2020-1238	Inorganic	GELC	CAMO-20-198537	06/26/2020	R-50 S2	1185.000	1205.600
N3B-2020-1239	Inorganic	GELC	CAMO-20-205231	06/29/2020	R-35a	1013.100	1062.200
N3B-2020-1239	Inorganic	GELC	CAMO-20-205232	06/29/2020	R-35a	1013.100	1062.200
N3B-2020-1239	Inorganic	GELC	CAMO-20-198588	06/29/2020	SIMR-2	885	905.4
N3B-2020-1239	Inorganic	GELC	CAMO-20-198587	06/29/2020	SIMR-2	885	905.4
N3B-2020-1338	Inorganic	GELC	CAMO-20-205436	07/21/2020	R-61 S1	1125.000	1135.000
N3B-2020-1338	Inorganic	GELC	CAMO-20-205437	07/21/2020	R-61 S1	1125.000	1135.000
N3B-2020-1362	Inorganic	GELC	CAMO-20-205445	07/22/2020	SIMR-2	885	905.4
N3B-2020-1362	Inorganic	GELC	CAMO-20-205444	07/22/2020	SIMR-2	885	905.4
N3B-2020-1392	Inorganic	GELC	CASA-20-205401	07/24/2020	R-35a	1013.100	1062.200
N3B-2020-1392	Inorganic	GELC	CASA-20-205400	07/24/2020	R-35a	1013.100	1062.200
N3B-2020-1407	Inorganic	GELC	CAMO-20-205431	07/27/2020	R-50 S1	1077.000	1087.000
N3B-2020-1407	Inorganic	GELC	CAMO-20-205430	07/27/2020	R-50 S1	1077.000	1087.000
N3B-2020-1407	Inorganic	GELC	CAMO-20-205433	07/27/2020	R-50 S2	1185.000	1205.600
N3B-2020-1407	Inorganic	GELC	CAMO-20-205434	07/27/2020	R-50 S2	1185.000	1205.600
N3B-2020-1418	Inorganic	GELC	CAMO-20-205420	07/28/2020	R-45 S1	880.000	890.000
N3B-2020-1418	Inorganic	GELC	CAMO-20-205419	07/28/2020	R-45 S1	880.000	890.000
N3B-2020-1418	Inorganic	GELC	CAMO-20-205426	07/28/2020	R-45 S1	880.000	890.000
N3B-2020-1418	Inorganic	GELC	CAMO-20-205425	07/28/2020	R-45 S1	880.000	890.000
N3B-2020-1418	Inorganic	GELC	CAMO-20-205427	07/28/2020	R-45 S2	974.9	994.9
N3B-2020-1418	Inorganic	GELC	CAMO-20-205428	07/28/2020	R-45 S2	974.9	994.9
N3B-2020-1439	Inorganic	GELC	CAMO-20-205412	07/29/2020	R-44 S1	895.000	905.000
N3B-2020-1439	Inorganic	GELC	CAMO-20-205413	07/29/2020	R-44 S1	895.000	905.000
N3B-2020-1439	Inorganic	GELC	CAMO-20-205415	07/29/2020	R-44 S2	985.300	995.200
N3B-2020-1439	Inorganic	GELC	CAMO-20-205416	07/29/2020	R-44 S2	985.300	995.200
N3B-2020-1453	Inorganic	GELC	CASA-20-205409	07/30/2020	R-11	855.000	877.900
N3B-2020-1453	Inorganic	GELC	CASA-20-205406	07/30/2020	R-11	855.000	877.900
N3B-2020-1453	Inorganic	GELC	CASA-20-205407	07/30/2020	R-11	855.000	877.900

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2020-1453	Inorganic	GELC	CASA-20-205410	07/30/2020	R-11	855.000	877.900
N3B-2020-1453	Inorganic	GELC	CASA-20-205404	07/30/2020	R-35b	825.400	848.500
N3B-2020-1453	Inorganic	GELC	CASA-20-205403	07/30/2020	R-35b	825.400	848.500
N3B-2020-1511	Inorganic	GELC	CAMO-20-198954	08/04/2020	R-70 S1	963.0	1004.0
N3B-2020-1511	Inorganic	GELC	CAMO-20-206162	08/04/2020	R-70 S1	963.0	1004.0
N3B-2020-1511	Inorganic	GELC	CAMO-20-198957	08/04/2020	R-70 S2	1048.0	1068.5
N3B-2020-1511	Inorganic	GELC	CAMO-20-206143	08/04/2020	R-70 S2	1048.0	1068.5
N3B-2020-1511	Inorganic	GELC	CAMO-20-206164	08/04/2020	R-70 S2	1048.0	1068.5
N3B-2020-1511	Inorganic	GELC	CAMO-20-206163	08/04/2020	R-70 S2	1048.0	1068.5
N3B-2020-1513	Organic	SwRI[b]	CAMO-20-206141	08/04/2020	R-70 S1	963.0	1004.0
N3B-2020-1513	Organic	SwRI	CAMO-20-206144	08/04/2020	R-70 S2	1048.0	1068.5
N3B-2020-1513	Organic	SwRI	CAMO-20-206142	08/04/2020	R-70 S2	1048.0	1068.5
N3B-2020-1519	Inorganic	GELC	CAMO-20-198875	08/04/2020	R-13	958.3	1018.7
N3B-2020-1519	Inorganic	GELC	CAMO-20-198876	08/04/2020	R-13	958.3	1018.7
N3B-2020-1519	Inorganic	GELC	CAMO-20-198878	08/04/2020	R-15	958.600	1020.300
N3B-2020-1519	Inorganic	GELC	CAMO-20-198877	08/04/2020	R-15	958.600	1020.300
N3B-2020-1519	Inorganic	GELC	CAMO-20-206141	08/04/2020	R-70 S1	963.0	1004.0
N3B-2020-1519	Inorganic	GELC	CAMO-20-206144	08/04/2020	R-70 S2	1048.0	1068.5
N3B-2020-1519	Inorganic	GELC	CAMO-20-206142	08/04/2020	R-70 S2	1048.0	1068.5
N3B-2020-1519	Organic	GELC	CAMO-20-206141	08/04/2020	R-70 S1	963.0	1004.0
N3B-2020-1519	Organic	GELC	CAMO-20-206142	08/04/2020	R-70 S2	1048.0	1068.5
N3B-2020-1519	Organic	GELC	CAMO-20-206144	08/04/2020	R-70 S2	1048.0	1068.5
N3B-2020-1519	Rad[c]	GELC	CAMO-20-206141	08/04/2020	R-70 S1	963.0	1004.0
N3B-2020-1519	Rad	GELC	CAMO-20-206142	08/04/2020	R-70 S2	1048.0	1068.5
N3B-2020-1519	Rad	GELC	CAMO-20-206144	08/04/2020	R-70 S2	1048.0	1068.5
N3B-2020-1520	Inorganic	GELC	CASA-20-198983	08/05/2020	R-11	855.000	877.900
N3B-2020-1520	Inorganic	GELC	CASA-20-198984	08/05/2020	R-11	855.000	877.900
N3B-2020-1520	Inorganic	GELC	CASA-20-198996	08/05/2020	R-43 S1	903.900	924.600
N3B-2020-1520	Inorganic	GELC	CASA-20-198995	08/05/2020	R-43 S1	903.900	924.600
N3B-2020-1528	Inorganic	GELC	CASA-20-205885	08/06/2020	SCI-1	358.400	377.900
N3B-2020-1528	Inorganic	GELC	CASA-20-205884	08/06/2020	SCI-1	358.400	377.900
N3B-2020-1528	Inorganic	GELC	CASA-20-205904	08/06/2020	SCI-2	548.000	568.000
N3B-2020-1528	Inorganic	GELC	CASA-20-205905	08/06/2020	SCI-2	548.000	568.000
N3B-2020-1536	Inorganic	GELC	CASA-20-198997	08/07/2020	R-43 S2	969.100	979.100
N3B-2020-1536	Inorganic	GELC	CASA-20-198998	08/07/2020	R-43 S2	969.100	979.100
N3B-2020-1538	Rad	ARSL[d]	CASA-20-198983	08/05/2020	R-11	855.000	877.900
N3B-2020-1538	Rad	ARSL	CAMO-20-206141	08/04/2020	R-70 S1	963.0	1004.0
N3B-2020-1538	Rad	ARSL	CAMO-20-206144	08/04/2020	R-70 S2	1048.0	1068.5
N3B-2020-1538	Rad	ARSL	CAMO-20-206142	08/04/2020	R-70 S2	1048.0	1068.5

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2020-1543	Inorganic	GELC	CAMO-20-198946	08/10/2020	R-50 S1	1077.000	1087.000
N3B-2020-1543	Inorganic	GELC	CAMO-20-198945	08/10/2020	R-50 S1	1077.000	1087.000
N3B-2020-1543	Inorganic	GELC	CAMO-20-198949	08/10/2020	R-61 S1	1125.000	1135.000
N3B-2020-1543	Inorganic	GELC	CAMO-20-198950	08/10/2020	R-61 S1	1125.000	1135.000
N3B-2020-1547	Rad	ARSL	CAMO-20-198945	08/10/2020	R-50 S1	1077.000	1087.000
N3B-2020-1547	Rad	ARSL	CAMO-20-198949	08/10/2020	R-61 S1	1125.000	1135.000
N3B-2020-1554	Inorganic	GELC	CAMO-20-198883	08/11/2020	R-44 S1	895.000	905.000
N3B-2020-1554	Inorganic	GELC	CAMO-20-198884	08/11/2020	R-44 S1	895.000	905.000
N3B-2020-1555	Inorganic	GELC	CAMO-20-198886	08/11/2020	R-44 S2	985.300	995.200
N3B-2020-1555	Inorganic	GELC	CAMO-20-198885	08/11/2020	R-44 S2	985.300	995.200
N3B-2020-1555	Inorganic	GELC	CAMO-20-198889	08/11/2020	R-45 S1	880.000	890.000
N3B-2020-1555	Inorganic	GELC	CAMO-20-198888	08/11/2020	R-45 S1	880.000	890.000
N3B-2020-1555	Inorganic	GELC	CAMO-20-198890	08/11/2020	R-45 S1	880.000	890.000
N3B-2020-1555	Inorganic	GELC	CAMO-20-198891	08/11/2020	R-45 S1	880.000	890.000
N3B-2020-1555	Inorganic	GELC	CAMO-20-198943	08/11/2020	R-45 S2	974.9	994.9
N3B-2020-1555	Inorganic	GELC	CAMO-20-198944	08/11/2020	R-45 S2	974.9	994.9
N3B-2020-1560	Inorganic	GELC	CASA-20-198987	08/12/2020	R-35a	1013.100	1062.200
N3B-2020-1560	Inorganic	GELC	CASA-20-198986	08/12/2020	R-35a	1013.100	1062.200
N3B-2020-1560	Inorganic	GELC	CASA-20-198988	08/12/2020	R-35a	1013.100	1062.200
N3B-2020-1560	Inorganic	GELC	CASA-20-198989	08/12/2020	R-35a	1013.100	1062.200
N3B-2020-1560	Inorganic	GELC	CASA-20-198991	08/12/2020	R-35b	825.400	848.500
N3B-2020-1560	Inorganic	GELC	CASA-20-198990	08/12/2020	R-35b	825.400	848.500
N3B-2020-1560	Inorganic	GELC	CASA-20-205947	08/12/2020	R-36	766.900	789.900
N3B-2020-1560	Inorganic	GELC	CASA-20-198993	08/12/2020	R-36	766.900	789.900
N3B-2020-1564	Rad	ARSL	CASA-20-198986	08/12/2020	R-35a	1013.100	1062.200
N3B-2020-1564	Rad	ARSL	CASA-20-198988	08/12/2020	R-35a	1013.100	1062.200
N3B-2020-1564	Rad	ARSL	CASA-20-198990	08/12/2020	R-35b	825.400	848.500
N3B-2020-1564	Rad	ARSL	CASA-20-205947	08/12/2020	R-36	766.900	789.900
N3B-2020-1564	Rad	ARSL	CAMO-20-206165	08/11/2020	R-44 S1	895.000	905.000
N3B-2020-1564	Rad	ARSL	CAMO-20-198885	08/11/2020	R-44 S2	985.300	995.200
N3B-2020-1564	Rad	ARSL	CAMO-20-198890	08/11/2020	R-45 S1	880.000	890.000
N3B-2020-1564	Rad	ARSL	CAMO-20-198888	08/11/2020	R-45 S1	880.000	890.000
N3B-2020-1564	Rad	ARSL	CAMO-20-198943	08/11/2020	R-45 S2	974.9	994.9
N3B-2020-1569	Inorganic	GELC	CAMO-20-198959	08/13/2020	SIMR-2	885	905.4
N3B-2020-1569	Inorganic	GELC	CAMO-20-198960	08/13/2020	SIMR-2	885	905.4
N3B-2020-1573	Inorganic	GELC	CAMO-20-198879	08/14/2020	R-33 S1	995.500	1018.500
N3B-2020-1573	Inorganic	GELC	CAMO-20-198880	08/14/2020	R-33 S1	995.500	1018.500
N3B-2020-1573	Inorganic	GELC	CAMO-20-198881	08/14/2020	R-33 S2	1112.400	1122.300
N3B-2020-1573	Inorganic	GELC	CAMO-20-198882	08/14/2020	R-33 S2	1112.400	1122.300

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2020-1573	Inorganic	GELC	CAMO-20-198947	08/14/2020	R-50 S2	1185.000	1205.600
N3B-2020-1573	Inorganic	GELC	CAMO-20-198948	08/14/2020	R-50 S2	1185.000	1205.600
N3B-2020-1577	Inorganic	GELC	CAMO-20-205882	08/17/2020	MCOI-6	686.000	709
N3B-2020-1577	Inorganic	GELC	CAMO-20-205883	08/17/2020	MCOI-6	686.000	709
N3B-2020-1577	Inorganic	GELC	CAMO-20-205906	08/17/2020	R-1	1031.1	1057.4
N3B-2020-1577	Inorganic	GELC	CAMO-20-205907	08/17/2020	R-1	1031.1	1057.4
N3B-2020-1577	Organic	GELC	CAMO-20-205882	08/17/2020	MCOI-6	686.000	709
N3B-2020-1592	Rad	ARSL	CAMO-20-198947	08/14/2020	R-50 S2	1185.000	1205.600
N3B-2020-1592	Rad	ARSL	CAMO-20-198959	08/13/2020	SIMR-2	885	905.4
N3B-2020-1595	Inorganic	GELC	CASA-20-205948	08/20/2020	R-67	1242.6	1263
N3B-2020-1595	Inorganic	GELC	CASA-20-199000	08/20/2020	R-67	1242.6	1263
N3B-2020-1601	Inorganic	GELC	CAMO-20-198951	08/21/2020	R-62	1158.4	1179.1
N3B-2020-1601	Inorganic	GELC	CAMO-20-198952	08/21/2020	R-62	1158.4	1179.1
N3B-2020-1622	Rad	ARSL	CASA-20-205948	08/20/2020	R-67	1242.6	1263
N3B-2020-1722	Inorganic	GELC	CASA-20-205976	09/08/2020	R-11	855.000	877.900
N3B-2020-1722	Inorganic	GELC	CASA-20-205975	09/08/2020	R-11	855.000	877.900
N3B-2020-1722	Inorganic	GELC	CASA-20-205991	09/08/2020	R-35b	825.400	848.500
N3B-2020-1722	Inorganic	GELC	CASA-20-205992	09/08/2020	R-35b	825.400	848.500
N3B-2020-1732	Inorganic	GELC	CASA-20-205995	09/09/2020	R-35a	1013.100	1062.200
N3B-2020-1732	Inorganic	GELC	CASA-20-205983	09/09/2020	R-35a	1013.100	1062.200
N3B-2020-1732	Inorganic	GELC	CASA-20-205984	09/09/2020	R-35a	1013.100	1062.200
N3B-2020-1732	Inorganic	GELC	CASA-20-205994	09/09/2020	R-35a	1013.100	1062.200
N3B-2020-1740	Inorganic	GELC	CAMO-20-205999	09/10/2020	R-44 S1	895.000	905.000
N3B-2020-1740	Inorganic	GELC	CAMO-20-205998	09/10/2020	R-44 S1	895.000	905.000
N3B-2020-1740	Inorganic	GELC	CAMO-20-206002	09/10/2020	R-44 S2	985.300	995.200
N3B-2020-1740	Inorganic	GELC	CAMO-20-206001	09/10/2020	R-44 S2	985.300	995.200
N3B-2020-1766	Inorganic	GELC	CAMO-20-206004	09/14/2020	R-45 S1	880.000	890.000
N3B-2020-1766	Inorganic	GELC	CAMO-20-206005	09/14/2020	R-45 S1	880.000	890.000
N3B-2020-1766	Inorganic	GELC	CAMO-20-206011	09/14/2020	R-45 S2	974.9	994.9
N3B-2020-1766	Inorganic	GELC	CAMO-20-206008	09/14/2020	R-45 S2	974.9	994.9
N3B-2020-1766	Inorganic	GELC	CAMO-20-206007	09/14/2020	R-45 S2	974.9	994.9
N3B-2020-1766	Inorganic	GELC	CAMO-20-206010	09/14/2020	R-45 S2	974.9	994.9
N3B-2020-1836	Inorganic	GELC	CAMO-20-206026	09/18/2020	R-61 S1	1125.000	1135.000
N3B-2020-1836	Inorganic	GELC	CAMO-20-206025	09/18/2020	R-61 S1	1125.000	1135.000
N3B-2020-1846	Inorganic	GELC	CAMO-20-206014	09/21/2020	R-50 S1	1077.000	1087.000
N3B-2020-1846	Inorganic	GELC	CAMO-20-206013	09/21/2020	R-50 S1	1077.000	1087.000
N3B-2020-1864	Inorganic	GELC	CAMO-20-206019	09/22/2020	R-50 S2	1185.000	1205.600
N3B-2020-1864	Inorganic	GELC	CAMO-20-206018	09/22/2020	R-50 S2	1185.000	1205.600
N3B-2020-1886	Inorganic	GELC	CAMO-20-206055	09/23/2020	R-70 S1	963.0	1004.0

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2020-1886	Inorganic	GELC	CAMO-20-206054	09/23/2020	R-70 S1	963.0	1004.0
N3B-2020-1886	Inorganic	GELC	CAMO-20-206059	09/23/2020	R-70 S2	1048.0	1068.5
N3B-2020-1886	Inorganic	GELC	CAMO-20-206058	09/23/2020	R-70 S2	1048.0	1068.5
N3B-2020-1907	Inorganic	GELC	CAMO-20-206028	09/25/2020	SIMR-2	885	905.4
N3B-2020-1907	Inorganic	GELC	CAMO-20-206027	09/25/2020	SIMR-2	885	905.4
N3B-2020-639	Inorganic	GELC	CAMO-20-192717	01/07/2020	R-33 S1	995.500	1018.500
N3B-2020-639	Inorganic	GELC	CAMO-20-192718	01/07/2020	R-33 S1	995.500	1018.500
N3B-2020-639	Inorganic	GELC	CAMO-20-192720	01/07/2020	R-33 S2	1112.400	1122.300
N3B-2020-639	Inorganic	GELC	CAMO-20-192721	01/07/2020	R-33 S2	1112.400	1122.300
N3B-2020-651	Inorganic	GELC	CASA-20-192830	01/08/2020	R-11	855.000	877.900
N3B-2020-651	Inorganic	GELC	CASA-20-192771	01/08/2020	R-11	855.000	877.900
N3B-2020-651	Inorganic	GELC	CAMO-20-192742	01/08/2020	R-61 S1	1125.000	1135.000
N3B-2020-651	Inorganic	GELC	CAMO-20-192743	01/08/2020	R-61 S1	1125.000	1135.000
N3B-2020-665	Inorganic	GELC	CASA-20-192783	01/09/2020	R-43 S1	903.900	924.600
N3B-2020-665	Inorganic	GELC	CASA-20-192782	01/09/2020	R-43 S1	903.900	924.600
N3B-2020-665	Inorganic	GELC	CASA-20-192788	01/09/2020	R-43 S2	969.100	979.100
N3B-2020-665	Inorganic	GELC	CASA-20-192787	01/09/2020	R-43 S2	969.100	979.100
N3B-2020-665	Inorganic	GELC	CAMO-20-192740	01/10/2020	R-50 S2	1185.000	1205.600
N3B-2020-665	Inorganic	GELC	CAMO-20-192739	01/10/2020	R-50 S2	1185.000	1205.600
N3B-2020-677	Inorganic	GELC	CAMO-20-192613	01/13/2020	MCOI-6	686.000	709
N3B-2020-677	Inorganic	GELC	CAMO-20-192612	01/13/2020	MCOI-6	686.000	709
N3B-2020-686	Inorganic	GELC	CASA-20-192785	01/14/2020	R-36	766.900	789.900
N3B-2020-686	Inorganic	GELC	CASA-20-192781	01/14/2020	R-36	766.900	789.900
N3B-2020-686	Inorganic	GELC	CASA-20-192780	01/14/2020	R-36	766.900	789.900
N3B-2020-686	Inorganic	GELC	CASA-20-192786	01/14/2020	R-36	766.900	789.900
N3B-2020-686	Inorganic	GELC	CAMO-20-192736	01/14/2020	R-50 S1	1077.000	1087.000
N3B-2020-686	Inorganic	GELC	CAMO-20-192737	01/14/2020	R-50 S1	1077.000	1087.000
N3B-2020-698	Inorganic	GELC	CASA-20-192774	01/15/2020	R-35a	1013.100	1062.200
N3B-2020-698	Inorganic	GELC	CASA-20-192775	01/15/2020	R-35a	1013.100	1062.200
N3B-2020-698	Inorganic	GELC	CASA-20-193659	01/15/2020	R-67	1242.6	1263
N3B-2020-698	Inorganic	GELC	CASA-20-192790	01/15/2020	R-67	1242.6	1263
N3B-2020-698	Inorganic	GELC	CASA-20-193658	01/15/2020	R-67	1242.6	1263
N3B-2020-698	Inorganic	GELC	CASA-20-192791	01/15/2020	R-67	1242.6	1263
N3B-2020-701	Rad	ARSL	CASA-20-192830	01/08/2020	R-11	855.000	877.900
N3B-2020-701	Rad	ARSL	CASA-20-192775	01/15/2020	R-35a	1013.100	1062.200
N3B-2020-701	Rad	ARSL	CAMO-20-192737	01/14/2020	R-50 S1	1077.000	1087.000
N3B-2020-701	Rad	ARSL	CAMO-20-192740	01/10/2020	R-50 S2	1185.000	1205.600
N3B-2020-701	Rad	ARSL	CAMO-20-192743	01/08/2020	R-61 S1	1125.000	1135.000
N3B-2020-707	Inorganic	GELC	CAMO-20-192763	01/16/2020	SIMR-2	885	905.4

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2020-707	Inorganic	GELC	CAMO-20-192762	01/16/2020	SIMR-2	885	905.4
N3B-2020-714	Inorganic	GELC	CAMO-20-192722	01/21/2020	R-44 S1	895.000	905.000
N3B-2020-714	Inorganic	GELC	CAMO-20-192723	01/21/2020	R-44 S1	895.000	905.000
N3B-2020-714	Inorganic	GELC	CAMO-20-192728	01/21/2020	R-44 S2	985.300	995.200
N3B-2020-714	Inorganic	GELC	CAMO-20-192727	01/21/2020	R-44 S2	985.300	995.200
N3B-2020-716	Inorganic	GELC	CAMO-20-192614	01/21/2020	R-13	958.3	1018.7
N3B-2020-716	Inorganic	GELC	CAMO-20-192615	01/21/2020	R-13	958.3	1018.7
N3B-2020-733	Inorganic	GELC	CAMO-20-192731	01/22/2020	R-45 S1	880.000	890.000
N3B-2020-733	Inorganic	GELC	CAMO-20-192730	01/22/2020	R-45 S1	880.000	890.000
N3B-2020-733	Inorganic	GELC	CAMO-20-192734	01/22/2020	R-45 S2	974.9	994.9
N3B-2020-733	Inorganic	GELC	CAMO-20-192733	01/22/2020	R-45 S2	974.9	994.9
N3B-2020-738	Rad	ARSL	CAMO-20-192723	01/21/2020	R-44 S1	895.000	905.000
N3B-2020-738	Rad	ARSL	CAMO-20-192728	01/21/2020	R-44 S2	985.300	995.200
N3B-2020-738	Rad	ARSL	CAMO-20-192731	01/22/2020	R-45 S1	880.000	890.000
N3B-2020-738	Rad	ARSL	CAMO-20-192734	01/22/2020	R-45 S2	974.9	994.9
N3B-2020-739	Rad	ARSL	CAMO-20-192763	01/16/2020	SIMR-2	885	905.4
N3B-2020-757	Inorganic	GELC	CAMO-20-192619	01/23/2020	R-15	958.600	1020.300
N3B-2020-757	Inorganic	GELC	CAMO-20-192617	01/23/2020	R-15	958.600	1020.300
N3B-2020-757	Inorganic	GELC	CAMO-20-192616	01/23/2020	R-15	958.600	1020.300
N3B-2020-757	Inorganic	GELC	CAMO-20-192618	01/23/2020	R-15	958.600	1020.300
N3B-2020-757	Inorganic	GELC	CASA-20-192778	01/23/2020	R-35b	825.400	848.500
N3B-2020-757	Inorganic	GELC	CASA-20-192777	01/23/2020	R-35b	825.400	848.500
N3B-2020-757	Inorganic	GELC	CASA-20-192765	01/23/2020	SCI-2	548.000	568.000
N3B-2020-757	Inorganic	GELC	CASA-20-192766	01/23/2020	SCI-2	548.000	568.000
N3B-2020-792	Rad	ARSL	CASA-20-192778	01/23/2020	R-35b	825.400	848.500
N3B-2020-895	Inorganic	GELC	CAMO-20-193963	02/12/2020	R-50 S1	1077.000	1087.000
N3B-2020-895	Inorganic	GELC	CAMO-20-193962	02/12/2020	R-50 S1	1077.000	1087.000
N3B-2020-895	Inorganic	GELC	CAMO-20-193966	02/12/2020	R-50 S2	1185.000	1205.600
N3B-2020-895	Inorganic	GELC	CAMO-20-193965	02/12/2020	R-50 S2	1185.000	1205.600
N3B-2020-898	Inorganic	GELC	CASA-20-194122	02/13/2020	R-11	855.000	877.900
N3B-2020-898	Inorganic	GELC	CASA-20-193859	02/13/2020	R-11	855.000	877.900
N3B-2020-898	Inorganic	GELC	CASA-20-193860	02/13/2020	R-11	855.000	877.900
N3B-2020-898	Inorganic	GELC	CASA-20-194121	02/13/2020	R-11	855.000	877.900
N3B-2020-898	Inorganic	GELC	CASA-20-193946	02/13/2020	R-35b	825.400	848.500
N3B-2020-898	Inorganic	GELC	CASA-20-193945	02/13/2020	R-35b	825.400	848.500
N3B-2020-914	Inorganic	GELC	CAMO-20-193969	02/14/2020	R-61 S1	1125.000	1135.000
N3B-2020-914	Inorganic	GELC	CAMO-20-195069	02/14/2020	R-61 S1	1125.000	1135.000
N3B-2020-918	Inorganic	GELC	CASA-20-193861	02/18/2020	R-35a	1013.100	1062.200
N3B-2020-918	Inorganic	GELC	CASA-20-193862	02/18/2020	R-35a	1013.100	1062.200

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2020-918	Inorganic	GELC	CAMO-20-193979	02/19/2020	SIMR-2	885	905.4
N3B-2020-918	Inorganic	GELC	CAMO-20-193978	02/19/2020	SIMR-2	885	905.4
N3B-2020-918	Inorganic	GELC	CAMO-20-194125	02/19/2020	SIMR-2	885	905.4
N3B-2020-918	Inorganic	GELC	CAMO-20-194126	02/19/2020	SIMR-2	885	905.4
N3B-2020-928	Inorganic	GELC	CAMO-20-193943	02/20/2020	R-44 S1	895.000	905.000
N3B-2020-928	Inorganic	GELC	CAMO-20-193942	02/20/2020	R-44 S1	895.000	905.000
N3B-2020-928	Inorganic	GELC	CAMO-20-193953	02/20/2020	R-44 S2	985.300	995.200
N3B-2020-928	Inorganic	GELC	CAMO-20-193954	02/20/2020	R-44 S2	985.300	995.200
N3B-2020-981	Inorganic	GELC	CAMO-20-193957	02/28/2020	R-45 S1	880.000	890.000
N3B-2020-981	Inorganic	GELC	CAMO-20-193956	02/28/2020	R-45 S1	880.000	890.000
N3B-2020-981	Inorganic	GELC	CAMO-20-193959	02/28/2020	R-45 S2	974.9	994.9
N3B-2020-981	Inorganic	GELC	CAMO-20-193960	02/28/2020	R-45 S2	974.9	994.9
N3B-2021-110	Inorganic	GELC	CAMO-21-208203	10/15/2020	R-70 S1	963.0	1004.0
N3B-2021-110	Inorganic	GELC	CAMO-21-208202	10/15/2020	R-70 S1	963.0	1004.0
N3B-2021-110	Inorganic	GELC	CAMO-21-208206	10/15/2020	R-70 S2	1048.0	1068.5
N3B-2021-110	Inorganic	GELC	CAMO-21-208205	10/15/2020	R-70 S2	1048.0	1068.5
N3B-2021-117	Inorganic	GELC	CAMO-21-208200	10/16/2020	R-61 S1	1125.000	1135.000
N3B-2021-117	Inorganic	GELC	CAMO-21-208201	10/16/2020	R-61 S1	1125.000	1135.000
N3B-2021-287	Inorganic	GELC	CASA-21-210526	11/03/2020	R-11	855.000	877.900
N3B-2021-287	Inorganic	GELC	CASA-21-210525	11/03/2020	R-11	855.000	877.900
N3B-2021-287	Inorganic	GELC	CASA-21-210529	11/03/2020	R-11	855.000	877.900
N3B-2021-287	Inorganic	GELC	CASA-21-210528	11/03/2020	R-11	855.000	877.900
N3B-2021-287	Inorganic	GELC	CASA-21-210552	11/03/2020	R-43 S2	969.100	979.100
N3B-2021-287	Inorganic	GELC	CASA-21-210553	11/03/2020	R-43 S2	969.100	979.100
N3B-2021-287	Organic	GELC	CASA-21-210526	11/03/2020	R-11	855.000	877.900
N3B-2021-287	Organic	GELC	CASA-21-210529	11/03/2020	R-11	855.000	877.900
N3B-2021-287	Organic	GELC	CASA-21-210553	11/03/2020	R-43 S2	969.100	979.100
N3B-2021-295	Inorganic	GELC	CAMO-21-210572	11/04/2020	R-61 S1	1125.000	1135.000
N3B-2021-295	Inorganic	GELC	CAMO-21-210573	11/04/2020	R-61 S1	1125.000	1135.000
N3B-2021-295	Inorganic	GELC	CASA-21-210519	11/04/2020	SCI-1	358.400	377.900
N3B-2021-295	Inorganic	GELC	CASA-21-210520	11/04/2020	SCI-1	358.400	377.900
N3B-2021-295	Inorganic	GELC	CASA-21-210522	11/04/2020	SCI-2	548.000	568.000
N3B-2021-295	Inorganic	GELC	CASA-21-210521	11/04/2020	SCI-2	548.000	568.000
N3B-2021-295	Organic	GELC	CAMO-21-210573	11/04/2020	R-61 S1	1125.000	1135.000
N3B-2021-295	Organic	GELC	CASA-21-210520	11/04/2020	SCI-1	358.400	377.900
N3B-2021-295	Organic	GELC	CASA-21-210522	11/04/2020	SCI-2	548.000	568.000
N3B-2021-295	Rad	GELC	CASA-21-210520	11/04/2020	SCI-1	358.400	377.900
N3B-2021-295	Rad	GELC	CASA-21-210522	11/04/2020	SCI-2	548.000	568.000
N3B-2021-322	Inorganic	GELC	CAMO-21-210574	11/06/2020	R-62	1158.4	1179.1

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2021-322	Inorganic	GELC	CAMO-21-210575	11/06/2020	R-62	1158.4	1179.1
N3B-2021-322	Inorganic	GELC	CASA-21-210577	11/06/2020	R-67	1242.6	1263
N3B-2021-322	Inorganic	GELC	CASA-21-210576	11/06/2020	R-67	1242.6	1263
N3B-2021-322	Organic	GELC	CAMO-21-210575	11/06/2020	R-62	1158.4	1179.1
N3B-2021-322	Organic	GELC	CASA-21-210577	11/06/2020	R-67	1242.6	1263
N3B-2021-340	Inorganic	GELC	CAMO-21-210516	11/09/2020	MCOI-6	686.000	709
N3B-2021-340	Inorganic	GELC	CAMO-21-210517	11/09/2020	MCOI-6	686.000	709
N3B-2021-340	Inorganic	GELC	CAMO-21-210773	11/09/2020	R-70 S1	963.0	1004.0
N3B-2021-340	Inorganic	GELC	CAMO-21-210578	11/09/2020	R-70 S1	963.0	1004.0
N3B-2021-340	Inorganic	GELC	CAMO-21-210778	11/09/2020	R-70 S2	1048.0	1068.5
N3B-2021-340	Inorganic	GELC	CAMO-21-210581	11/09/2020	R-70 S2	1048.0	1068.5
N3B-2021-340	Inorganic	GELC	CAMO-21-210774	11/09/2020	R-70 S2	1048.0	1068.5
N3B-2021-340	Organic	GELC	CAMO-21-210517	11/09/2020	MCOI-6	686.000	709
N3B-2021-340	Organic	GELC	CAMO-21-210773	11/09/2020	R-70 S1	963.0	1004.0
N3B-2021-340	Organic	GELC	CAMO-21-210774	11/09/2020	R-70 S2	1048.0	1068.5
N3B-2021-340	Organic	GELC	CAMO-21-210778	11/09/2020	R-70 S2	1048.0	1068.5
N3B-2021-340	Rad	GELC	CAMO-21-210517	11/09/2020	MCOI-6	686.000	709
N3B-2021-340	Rad	GELC	CAMO-21-210773	11/09/2020	R-70 S1	963.0	1004.0
N3B-2021-340	Rad	GELC	CAMO-21-210774	11/09/2020	R-70 S2	1048.0	1068.5
N3B-2021-341	Organic	SwRI	CAMO-21-210517	11/09/2020	MCOI-6	686.000	709
N3B-2021-341	Organic	SwRI	CAMO-21-210773	11/09/2020	R-70 S1	963.0	1004.0
N3B-2021-341	Organic	SwRI	CAMO-21-210774	11/09/2020	R-70 S2	1048.0	1068.5
N3B-2021-35	Inorganic	GELC	CASA-21-208125	10/06/2020	R-11	855.000	877.900
N3B-2021-35	Inorganic	GELC	CASA-21-208124	10/06/2020	R-11	855.000	877.900
N3B-2021-35	Inorganic	GELC	CASA-21-208145	10/06/2020	R-35b	825.400	848.500
N3B-2021-35	Inorganic	GELC	CASA-21-208211	10/06/2020	R-35b	825.400	848.500
N3B-2021-35	Inorganic	GELC	CASA-21-208144	10/06/2020	R-35b	825.400	848.500
N3B-2021-35	Inorganic	GELC	CASA-21-208212	10/06/2020	R-35b	825.400	848.500
N3B-2021-375	Inorganic	GELC	CASA-21-210541	11/10/2020	R-35a	1013.100	1062.200
N3B-2021-375	Inorganic	GELC	CASA-21-210542	11/10/2020	R-35a	1013.100	1062.200
N3B-2021-375	Inorganic	GELC	CASA-21-210545	11/10/2020	R-35b	825.400	848.500
N3B-2021-375	Inorganic	GELC	CASA-21-210544	11/10/2020	R-35b	825.400	848.500
N3B-2021-375	Inorganic	GELC	CASA-21-210547	11/10/2020	R-36	766.900	789.900
N3B-2021-375	Inorganic	GELC	CASA-21-210548	11/10/2020	R-36	766.900	789.900
N3B-2021-375	Organic	GELC	CASA-21-210542	11/10/2020	R-35a	1013.100	1062.200
N3B-2021-375	Organic	GELC	CASA-21-210545	11/10/2020	R-35b	825.400	848.500
N3B-2021-375	Organic	GELC	CASA-21-210548	11/10/2020	R-36	766.900	789.900
N3B-2021-396	Inorganic	GELC	CAMO-21-210531	11/13/2020	R-13	958.3	1018.7
N3B-2021-396	Inorganic	GELC	CAMO-21-210530	11/13/2020	R-13	958.3	1018.7

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2021-396	Inorganic	GELC	CAMO-21-210567	11/13/2020	R-50 S1	1077.000	1087.000
N3B-2021-396	Inorganic	GELC	CAMO-21-210566	11/13/2020	R-50 S1	1077.000	1087.000
N3B-2021-396	Organic	GELC	CAMO-21-210531	11/13/2020	R-13	958.3	1018.7
N3B-2021-396	Organic	GELC	CAMO-21-210567	11/13/2020	R-50 S1	1077.000	1087.000
N3B-2021-408	Inorganic	GELC	CAMO-21-210523	11/16/2020	R-1	1031.1	1057.4
N3B-2021-408	Inorganic	GELC	CAMO-21-210524	11/16/2020	R-1	1031.1	1057.4
N3B-2021-408	Inorganic	GELC	CAMO-21-210534	11/16/2020	R-15	958.600	1020.300
N3B-2021-408	Inorganic	GELC	CAMO-21-210533	11/16/2020	R-15	958.600	1020.300
N3B-2021-408	Organic	GELC	CAMO-21-210524	11/16/2020	R-1	1031.1	1057.4
N3B-2021-408	Organic	GELC	CAMO-21-210534	11/16/2020	R-15	958.600	1020.300
N3B-2021-41	Inorganic	GELC	CASA-21-208122	10/07/2020	R-35a	1013.100	1062.200
N3B-2021-41	Inorganic	GELC	CASA-21-208121	10/07/2020	R-35a	1013.100	1062.200
N3B-2021-417	Inorganic	GELC	CAMO-21-210555	11/17/2020	R-44 S1	895.000	905.000
N3B-2021-417	Inorganic	GELC	CAMO-21-210554	11/17/2020	R-44 S1	895.000	905.000
N3B-2021-417	Inorganic	GELC	CAMO-21-210557	11/17/2020	R-44 S2	985.300	995.200
N3B-2021-417	Inorganic	GELC	CAMO-21-210558	11/17/2020	R-44 S2	985.300	995.200
N3B-2021-417	Organic	GELC	CAMO-21-210555	11/17/2020	R-44 S1	895.000	905.000
N3B-2021-417	Organic	GELC	CAMO-21-210558	11/17/2020	R-44 S2	985.300	995.200
N3B-2021-423	Inorganic	GELC	CAMO-21-210536	11/18/2020	R-33 S1	995.500	1018.500
N3B-2021-423	Inorganic	GELC	CAMO-21-210535	11/18/2020	R-33 S1	995.500	1018.500
N3B-2021-423	Inorganic	GELC	CAMO-21-210540	11/18/2020	R-33 S2	1112.400	1122.300
N3B-2021-423	Inorganic	GELC	CAMO-21-210537	11/18/2020	R-33 S2	1112.400	1122.300
N3B-2021-423	Inorganic	GELC	CAMO-21-210539	11/18/2020	R-33 S2	1112.400	1122.300
N3B-2021-423	Inorganic	GELC	CAMO-21-210538	11/18/2020	R-33 S2	1112.400	1122.300
N3B-2021-423	Organic	GELC	CAMO-21-210536	11/18/2020	R-33 S1	995.500	1018.500
N3B-2021-423	Organic	GELC	CAMO-21-210538	11/18/2020	R-33 S2	1112.400	1122.300
N3B-2021-423	Organic	GELC	CAMO-21-210540	11/18/2020	R-33 S2	1112.400	1122.300
N3B-2021-437	Inorganic	GELC	CASA-21-210549	11/19/2020	R-43 S1	903.900	924.600
N3B-2021-437	Inorganic	GELC	CASA-21-210550	11/19/2020	R-43 S1	903.900	924.600
N3B-2021-437	Inorganic	GELC	CAMO-21-210561	11/19/2020	R-45 S1	880.000	890.000
N3B-2021-437	Inorganic	GELC	CAMO-21-210560	11/19/2020	R-45 S1	880.000	890.000
N3B-2021-437	Inorganic	GELC	CAMO-21-210563	11/19/2020	R-45 S2	974.9	994.9
N3B-2021-437	Inorganic	GELC	CAMO-21-210564	11/19/2020	R-45 S2	974.9	994.9
N3B-2021-437	Organic	GELC	CASA-21-210550	11/19/2020	R-43 S1	903.900	924.600
N3B-2021-437	Organic	GELC	CAMO-21-210561	11/19/2020	R-45 S1	880.000	890.000
N3B-2021-437	Organic	GELC	CAMO-21-210564	11/19/2020	R-45 S2	974.9	994.9
N3B-2021-444	Inorganic	GELC	CAMO-21-210570	11/20/2020	R-50 S2	1185.000	1205.600
N3B-2021-444	Inorganic	GELC	CAMO-21-210569	11/20/2020	R-50 S2	1185.000	1205.600
N3B-2021-444	Inorganic	GELC	CAMO-21-210571	11/20/2020	R-50 S2	1185.000	1205.600

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2021-444	Organic	GELC	CAMO-21-210571	11/20/2020	R-50 S2	1185.000	1205.600
N3B-2021-444	Organic	GELC	CAMO-21-210570	11/20/2020	R-50 S2	1185.000	1205.600
N3B-2021-49	Inorganic	GELC	CAMO-21-208155	10/08/2020	R-44 S1	895.000	905.000
N3B-2021-49	Inorganic	GELC	CAMO-21-208154	10/08/2020	R-44 S1	895.000	905.000
N3B-2021-49	Inorganic	GELC	CAMO-21-208162	10/08/2020	R-44 S2	985.300	995.200
N3B-2021-49	Inorganic	GELC	CAMO-21-208161	10/08/2020	R-44 S2	985.300	995.200
N3B-2021-523	Inorganic	GELC	CAMO-21-211015	12/03/2020	R-70 S1	963.0	1004.0
N3B-2021-523	Inorganic	GELC	CAMO-21-211016	12/03/2020	R-70 S1	963.0	1004.0
N3B-2021-523	Inorganic	GELC	CAMO-21-211018	12/03/2020	R-70 S2	1048.0	1068.5
N3B-2021-523	Inorganic	GELC	CAMO-21-211019	12/03/2020	R-70 S2	1048.0	1068.5
N3B-2021-524	Inorganic	GELC	CAMO-21-211016	12/03/2020	R-70 S1	963.0	1004.0
N3B-2021-524	Inorganic	GELC	CAMO-21-211019	12/03/2020	R-70 S2	1048.0	1068.5
N3B-2021-531	Inorganic	GELC	CAMO-21-211014	12/04/2020	R-61 S1	1125.000	1135.000
N3B-2021-531	Inorganic	GELC	CAMO-21-211013	12/04/2020	R-61 S1	1125.000	1135.000
N3B-2021-542	Inorganic	GELC	CASA-21-210985	12/07/2020	R-35a	1013.100	1062.200
N3B-2021-542	Inorganic	GELC	CASA-21-210986	12/07/2020	R-35a	1013.100	1062.200
N3B-2021-551	Inorganic	GELC	CASA-21-211025	12/08/2020	R-11	855.000	877.900
N3B-2021-551	Inorganic	GELC	CASA-21-210992	12/08/2020	R-11	855.000	877.900
N3B-2021-551	Inorganic	GELC	CASA-21-210991	12/08/2020	R-11	855.000	877.900
N3B-2021-551	Inorganic	GELC	CASA-21-211024	12/08/2020	R-11	855.000	877.900
N3B-2021-551	Inorganic	GELC	CASA-21-210989	12/08/2020	R-35b	825.400	848.500
N3B-2021-551	Inorganic	GELC	CASA-21-210988	12/08/2020	R-35b	825.400	848.500
N3B-2021-606	Inorganic	GELC	CAMO-21-210994	12/14/2020	R-44 S1	895.000	905.000
N3B-2021-606	Inorganic	GELC	CAMO-21-210995	12/14/2020	R-44 S1	895.000	905.000
N3B-2021-606	Inorganic	GELC	CAMO-21-210998	12/14/2020	R-44 S2	985.300	995.200
N3B-2021-606	Inorganic	GELC	CAMO-21-210997	12/14/2020	R-44 S2	985.300	995.200
N3B-2021-619	Rad	GELC	CAMO-21-210573	11/04/2020	R-61 S1	1125.000	1135.000
N3B-2021-63	Inorganic	GELC	CAMO-21-208167	10/09/2020	R-45 S1	880.000	890.000
N3B-2021-63	Inorganic	GELC	CAMO-21-208166	10/09/2020	R-45 S1	880.000	890.000
N3B-2021-63	Inorganic	GELC	CAMO-21-208192	10/09/2020	R-45 S2	974.9	994.9
N3B-2021-63	Inorganic	GELC	CAMO-21-208191	10/09/2020	R-45 S2	974.9	994.9
N3B-2021-634	Inorganic	GELC	CAMO-21-211000	12/16/2020	R-45 S1	880.000	890.000
N3B-2021-634	Inorganic	GELC	CAMO-21-211001	12/16/2020	R-45 S1	880.000	890.000
N3B-2021-634	Inorganic	GELC	CAMO-21-211004	12/16/2020	R-45 S2	974.9	994.9
N3B-2021-634	Inorganic	GELC	CAMO-21-211005	12/16/2020	R-45 S2	974.9	994.9
N3B-2021-659	Inorganic	GELC	CAMO-21-211007	12/17/2020	R-50 S1	1077.000	1087.000
N3B-2021-659	Inorganic	GELC	CAMO-21-211008	12/17/2020	R-50 S1	1077.000	1087.000
N3B-2021-659	Inorganic	GELC	CAMO-21-211028	12/17/2020	R-50 S2	1185.000	1205.600
N3B-2021-659	Inorganic	GELC	CAMO-21-211010	12/17/2020	R-50 S2	1185.000	1205.600

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2021-659	Inorganic	GELC	CAMO-21-211011	12/17/2020	R-50 S2	1185.000	1205.600
N3B-2021-659	Inorganic	GELC	CAMO-21-211029	12/17/2020	R-50 S2	1185.000	1205.600
N3B-2021-77	Inorganic	GELC	CAMO-21-208195	10/13/2020	R-50 S1	1077.000	1087.000
N3B-2021-77	Inorganic	GELC	CAMO-21-208194	10/13/2020	R-50 S1	1077.000	1087.000
N3B-2021-77	Inorganic	GELC	CAMO-21-208819	10/13/2020	R-50 S1	1077.000	1087.000
N3B-2021-77	Inorganic	GELC	CAMO-21-208820	10/13/2020	R-50 S1	1077.000	1087.000
N3B-2021-77	Inorganic	GELC	CAMO-21-208198	10/13/2020	R-50 S2	1185.000	1205.600
N3B-2021-77	Inorganic	GELC	CAMO-21-208197	10/13/2020	R-50 S2	1185.000	1205.600
N3B-2021-91	Inorganic	GELC	CAMO-21-208209	10/14/2020	SIMR-2	885	905.4
N3B-2021-91	Inorganic	GELC	CAMO-21-208208	10/14/2020	SIMR-2	885	905.4

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

[b] SwRI = Southwest Research Institute.

[c] Rad = Radiochemistry (not gamma).

[d] ARSL = American Radiation Services, Inc.